Mercedes-Benz

S-Class

Operator's Manual

Symbols

Trademarks®:

- Bluetooth® is a registered trademark of Bluetooth SIG Inc.
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- LOGIC7® is a registered trademark of Harman International Industries, Incorporated.
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The following symbols are found in this Operator’s Manual:

⚠ **Warning!**

Warning notices draw your attention to hazards that may endanger your health or life, or the health or life of others.

! Highlights hazards that may result in damage to your vehicle.

ℹ Helpful hints or further information you may find useful.

▶	This symbol points to instructions for you to follow.
▶	A number of these symbols appearing in succession indicates a multiple-step procedure.
▷ page	This symbol tells you where to look for further information on a topic.
▷▷	This continuation symbol marks a warning or procedure which is continued on the next page.
`Display`	Text in displays, such as the control system, are printed in the type shown here.

Our company and staff congratulate you on the purchase of your new Mercedes-Benz.

Your selection of our product is a demonstration of your trust in our company name. Furthermore, it exemplifies your desire to own an automobile that will be as easy as possible to operate and provide years of service.

Your Mercedes-Benz represents the efforts of many skilled engineers and craftsmen. To help assure your driving pleasure, and also the safety of you and your passengers, we ask you to make a small investment of time:

- Please read this manual carefully, then return it to your vehicle where it will be handy for your reference.
- Please follow the recommendations contained in this manual. They are designed to acquaint you with the operation of your Mercedes-Benz.
- Please pay attention to the warnings and cautions contained in this manual. They are designed to help improve the safety of the vehicle operator and occupants.

We extend our best wishes for many miles of safe, pleasurable driving.

Mercedes-Benz USA, LLC

A Daimler Company

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Product Information

Please observe the following in your own best interest:

We recommend using Genuine Mercedes-Benz Parts as well as conversion parts and accessories explicitly approved by us for your vehicle model.

We have tested these parts to determine their reliability, safety and special suitability for Mercedes-Benz vehicles.

We are unable to make an assessment for other products and therefore cannot be held responsible for them, even if in individual cases an official approval or authorization by governmental or other agencies should exist. Use of such parts and accessories could adversely affect the safety, performance or reliability of your vehicle. Please do not use them.

Genuine Mercedes-Benz Parts and pre-approved conversion parts and accessories are available at any authorized Mercedes-Benz Center. In addition, you will receive comprehensive information on permissible technical modifications and expert installations.

Operator’s Manual

Notes

This Operator’s Manual contains a great deal of useful information. We urge you to read it carefully and familiarize yourself with the vehicle before driving.

For your own safety and longer service life of the vehicle, we urge you to follow the instructions and warnings contained in this Operator’s Manual. Ignoring them could result in damage to the vehicle or personal injury to you or others. Vehicle damage caused by failure to follow instructions is not covered by the Mercedes-Benz Limited Warranty.

We continuously strive to improve our product, and ask for your understanding that we reserve the right to make changes in design and equipment. Therefore, information, illustrations and descriptions in this Operator’s Manual might differ from your vehicle.

Vehicle equipment

Your vehicle may have some or all of the equipment described in this manual. Therefore, you may find explanations for optional equipment not installed in your vehicle. If you have any questions about operating any equipment, any authorized Mercedes-Benz Center will be glad to demonstrate the proper procedures.

Optional equipment is also described in this manual, including operating instructions wherever necessary. Since they are special-order items, the descriptions and illustrations herein may vary slightly from the actual equipment of your vehicle.

If there are any equipment details that are not shown or described in this Operator’s Manual, any authorized Mercedes-Benz Center will be glad to inform you of correct care and operating procedures. The Operator’s Manual and Maintenance Booklet are important documents and should be kept with the vehicle.

Operator’s Manual

Service and warranty information

The Service and Warranty Information booklet contains detailed information about the warranties covering your Mercedes-Benz, including:

- New Car Limited Warranty
- Emission System Warranty
- Emission Performance Warranty
- California, Connecticut, Maine, Massachusetts, New York, Pennsylvania, Rhode Island, and Vermont Emission Control System Warranty
- State Warranty Enforcement Laws (Lemon Laws)

Important notice for California retail buyers and lessees of Mercedes-Benz automobiles

Under California law you may be entitled to a replacement of your vehicle or a refund of the purchase price or lease price, if after a reasonable number of repair attempts Mercedes-Benz USA, LLC and/or its authorized repair or service facilities fail to fix one or more substantial defects or malfunctions in the vehicle that are covered by its express warranty. During the period of 18 months from original delivery of the vehicle or the accumulation of 18 000 miles (approximately 29 000 km) on the odometer of the vehicle, whichever occurs first, a reasonable number of repair attempts is presumed for a retail buyer or lessee if one or more of the following occurs:

(1) the same substantial defect or malfunction results in a condition that is likely to cause death or serious bodily injury if the vehicle is driven, that defect or malfunction has been subject to repair two or more times, and you have directly notified Mercedes-Benz USA, LLC in writing of the need for its repair,

(2) the same substantial defect or malfunction of a less serious nature than category (1) has been subject to repair four or more times and you have directly notified us in writing of the need for its repair, or

(3) the vehicle is out of service by reason of repair of the same or different substantial defects or malfunctions for a cumulative total of more than 30 calendar days.

Written notification should not be sent to a dealer, it should be addressed to

Mercedes-Benz USA, LLC
Customer Assistance Center
One Mercedes Drive
Montvale, NJ 07645-0350

Maintenance

The Maintenance Booklet describes all the necessary maintenance work which should be performed at regular intervals.

Always have the Maintenance Booklet with you when you take the vehicle to an authorized Mercedes-Benz Center for service. The service advisor will record each service in the booklet for you.

Roadside Assistance

The Mercedes-Benz Roadside Assistance Program provides factory-trained technical help in the event of a breakdown. Calls to the toll-free Roadside Assistance number

1-800-FOR-MERCedes (in the USA)
1-800-387-0100 (in Canada)

will be answered by Mercedes-Benz Customer Assistance Representatives 24 hours a day, 365 days a year.

For additional information refer to the Mercedes-Benz Roadside Assistance Program brochure (in the USA) or the Roadside Assistance section of the Service and Warranty Information Booklet (in Canada) in your vehicle literature portfolio.

Change of address or ownership

If you change your address, be sure to send in the “Change of Address Notice” found in the Service and Warranty Information Booklet, or simply call the Mercedes-Benz Customer Assistance Center (in the USA) at 1-800-FOR-MERCedes, or Customer Service (in Canada) at 1-800-387-0100. This will assist us in contacting you in a timely manner should the need arise.

If you sell your Mercedes, please leave all literature with the vehicle to make it available to the next operator.

If you bought this vehicle used, be sure to send in the “Notice of Purchase of Used Car” found in the Service and Warranty Information Booklet, or call the Mercedes-Benz Customer Assistance Center (in the USA) at 1-800-FOR-MERCedes, or Customer Service (in Canada) at 1-800-387-0100.

Operating your vehicle outside the USA or Canada

If you plan to operate your vehicle in foreign countries, please be aware that:

- service facilities or replacement parts may not be readily available,
- unleaded gasoline for vehicles with catalytic converters may not be available; the use of leaded fuels will damage the catalysts,
- gasoline may have a considerably lower octane rating, and improper fuel can cause engine damage.

Certain Mercedes-Benz models are available for delivery in Europe under our European Delivery Program. For details, consult an authorized Mercedes-Benz Center or write to:

In the USA:
Mercedes-Benz USA, LLC
European Delivery Department
One Mercedes Drive
Montvale, NJ 07645-0350

In Canada:
Mercedes-Benz Canada, Inc.
European Delivery Department
98 Vanderhoof Avenue
Toronto, Ontario M4G 4C9

Operating safety

Operating safety

⚠ **Warning!**

Work improperly carried out on electronic components and associated software could cause them to cease functioning. Because the vehicle's electronic components are interconnected, any modifications made may produce an undesired effect on other systems. Electronic malfunctions could seriously impair the operating safety of your vehicle.

Contact an authorized Mercedes-Benz Center for repairs or modifications to electronic components.

Other improper work or modifications on the vehicle could also have a negative impact on the operating safety of the vehicle.

Some safety systems only function while the engine is running. You should therefore never turn off the engine while driving.

⚠ **Warning!**

Heavy blows against the vehicle underbody or tires/wheels, for example when running over an obstacle, road debris or a pothole, may cause serious damage and impair the operating safety of your vehicle. If you feel a sudden significant vibration or ride disturbance, or you suspect that damage to your vehicle has occurred, you should turn on your hazard warning flashers, carefully slow down, and drive with caution to an area which is a safe distance from the road.

Inspect the vehicle underbody and tires/ wheels for possible damage. If the vehicle appears unsafe, have it towed to the nearest authorized Mercedes-Benz Center or other qualified maintenance or repair facility for further inspection or repairs.

Proper use of the vehicle

Proper use of the vehicle requires that you are familiar with the following information and rules:

- the safety precautions in this manual
- the "Technical data" section in this manual
- traffic rules and regulations
- motor vehicle laws and safety standards

⚠ **Warning!**

Various warning labels are attached to your vehicle. These warning labels are intended to make you and others aware of various risks. You should not remove any of these warning labels unless explicitly instructed to do so by information on the label itself. Removal of any of these labels may cause you and others to be unaware of certain risks which may result in an accident and/ or personal injury.

Problems with your vehicle

If you should experience a problem with your vehicle, particularly one that you believe may affect its safe operation, we urge you to contact an authorized Mercedes-Benz Center immediately to have the problem diagnosed and corrected if required. If the matter is not handled to your satisfaction, please discuss the problem with the Mercedes-Benz Center management or, if necessary, contact us at one of the following addresses:

In the USA:

Customer Assistance Center
Mercedes-Benz USA, LLC
One Mercedes Drive
Montvale, NJ 07645-0350

In Canada:

Customer Relations Department
Mercedes-Benz Canada, Inc.
98 Vanderhoof Avenue
Toronto, Ontario M4G 4C9

Reporting safety defects

For the USA only:

The following text is published as required of manufacturers under Title 49, Code of U.S. Federal Regulations, Part 575 pursuant to the “National Traffic and Motor Vehicle Safety Act of 1966”.

Reporting safety defects

If you believe that your vehicle has a defect which could cause a crash or could cause injury or death, you should immediately inform the National Highway Traffic Safety Administration (NHTSA) in addition to notifying Mercedes-Benz USA, LLC.

If NHTSA receives similar complaints, it may open an investigation, and if it finds that a safety defect exists in a group of vehicles, it may order a recall and remedy campaign. However, NHTSA cannot become involved in individual problems between you, your dealer, or Mercedes-Benz USA, LLC.

To contact NHTSA, you may call the Vehicle Safety Hotline toll-free at 1-888-327-4236 (TTY: 1-800-424-9153); go to **www.safercar.gov**; or write to: Administrator, NHTSA Headquarters, 1200 New Jersey Avenue, SE, West Building, Washington, DC 20590.

You can also obtain other information about motor vehicle safety from **www.safercar.gov**.

Vehicle data recording

Vehicle data recording

Information regarding electronic recording devices

(Including notice pursuant to California Code § 9951)

Please note that your vehicle is equipped with devices that can record vehicle systems data and, if equipped with the Tele Aid system, may transmit some data in certain accidents.

This information helps, for example, to diagnose vehicle systems after a collision and to continuously improve vehicle safety. Daimler may access the information and share it with others

- for safety research or vehicle diagnosis purposes
- with the consent of the vehicle owner or lessee
- in response to an official request by law enforcement or other government agency
- for use in dispute resolution involving Daimler, its affiliates or sales/service organization and/or
- as otherwise required or permitted by law.

Please check the Tele Aid subscription service agreement for details regarding the information that may be recorded or transmitted via that system.

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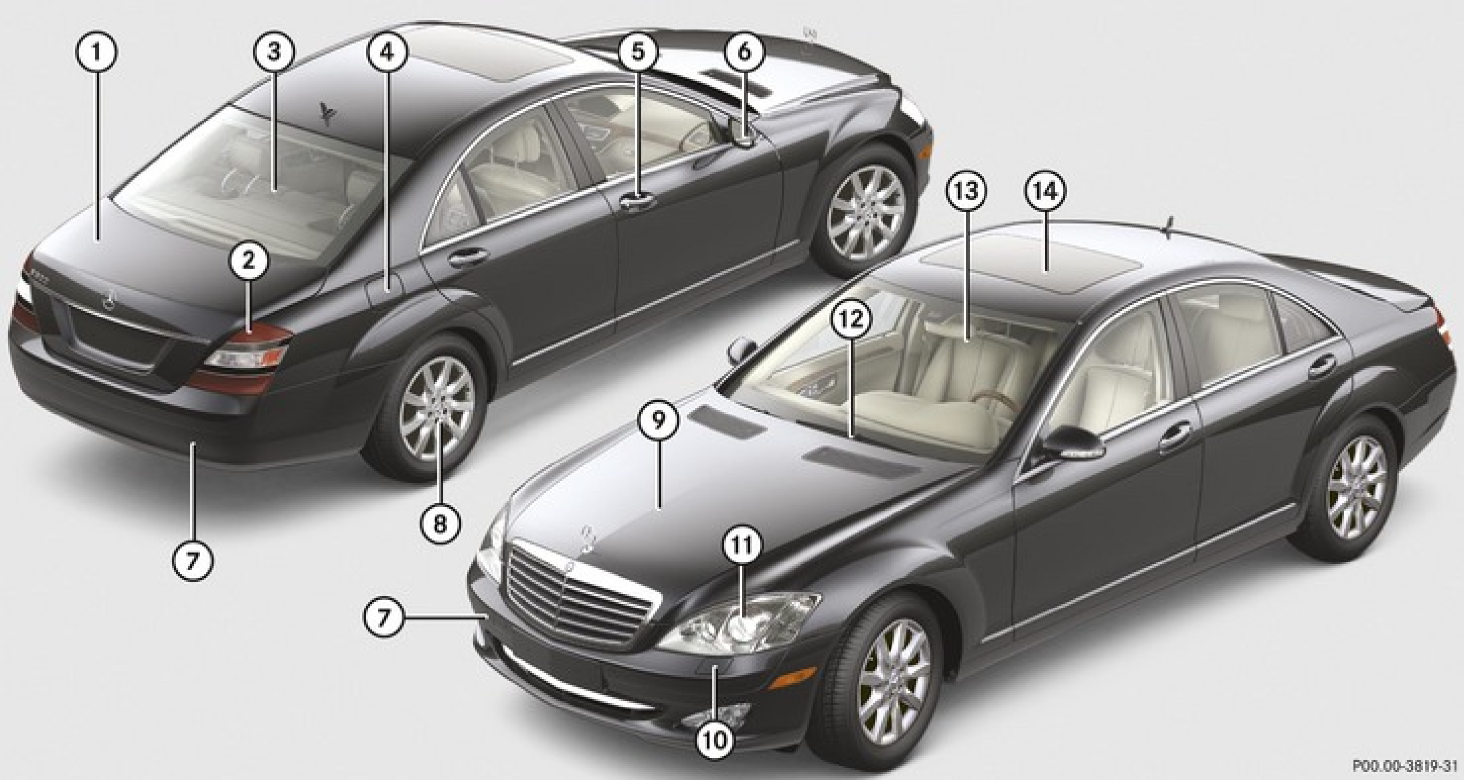
Exterior view

Exterior view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ⓘ This Operator's Manual describes all features, standard or optional, potentially available for your vehicle at the time of purchase. Please be aware that your vehicle might not be equipped with all features described in this manual.

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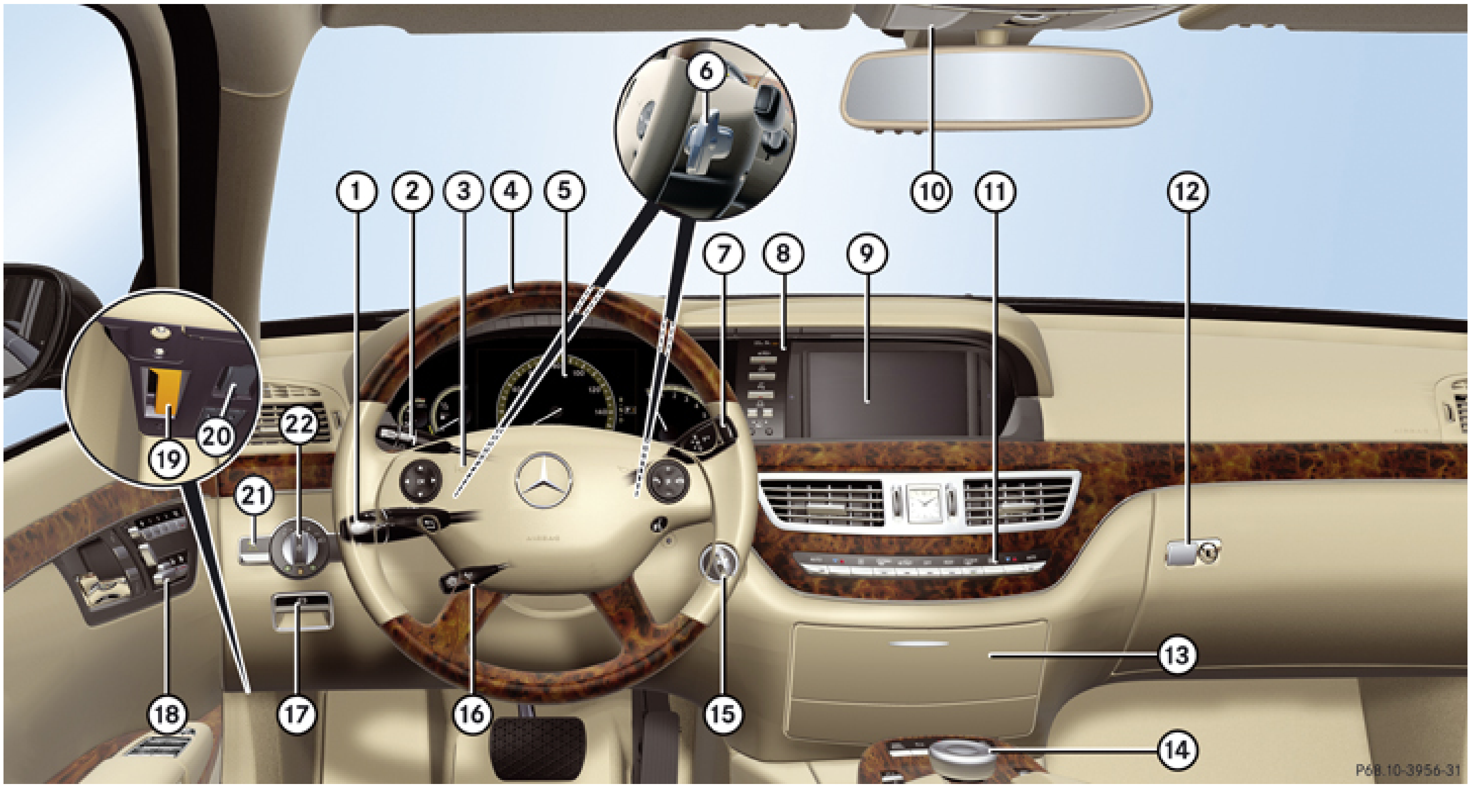
Cockpit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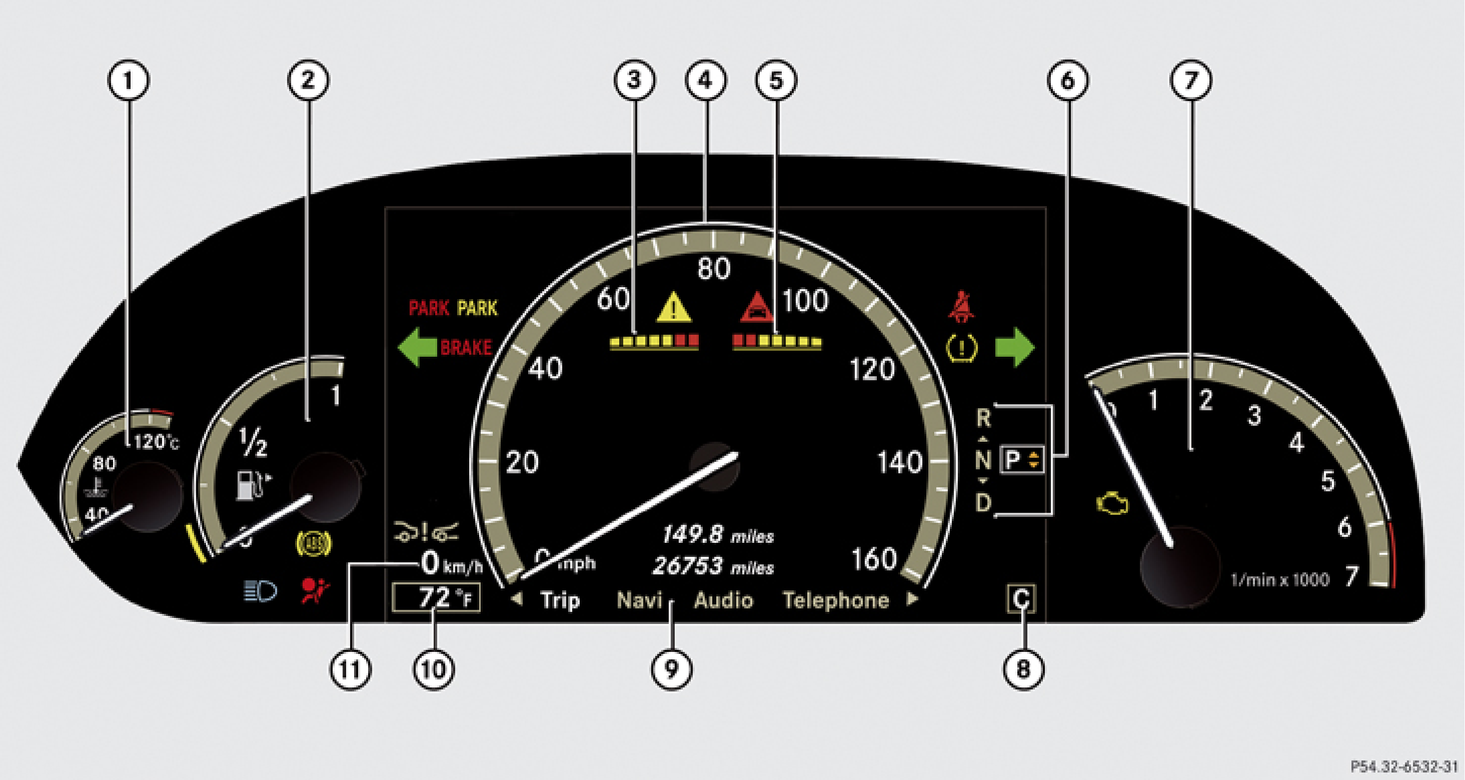
Instrument cluster

Instrument cluster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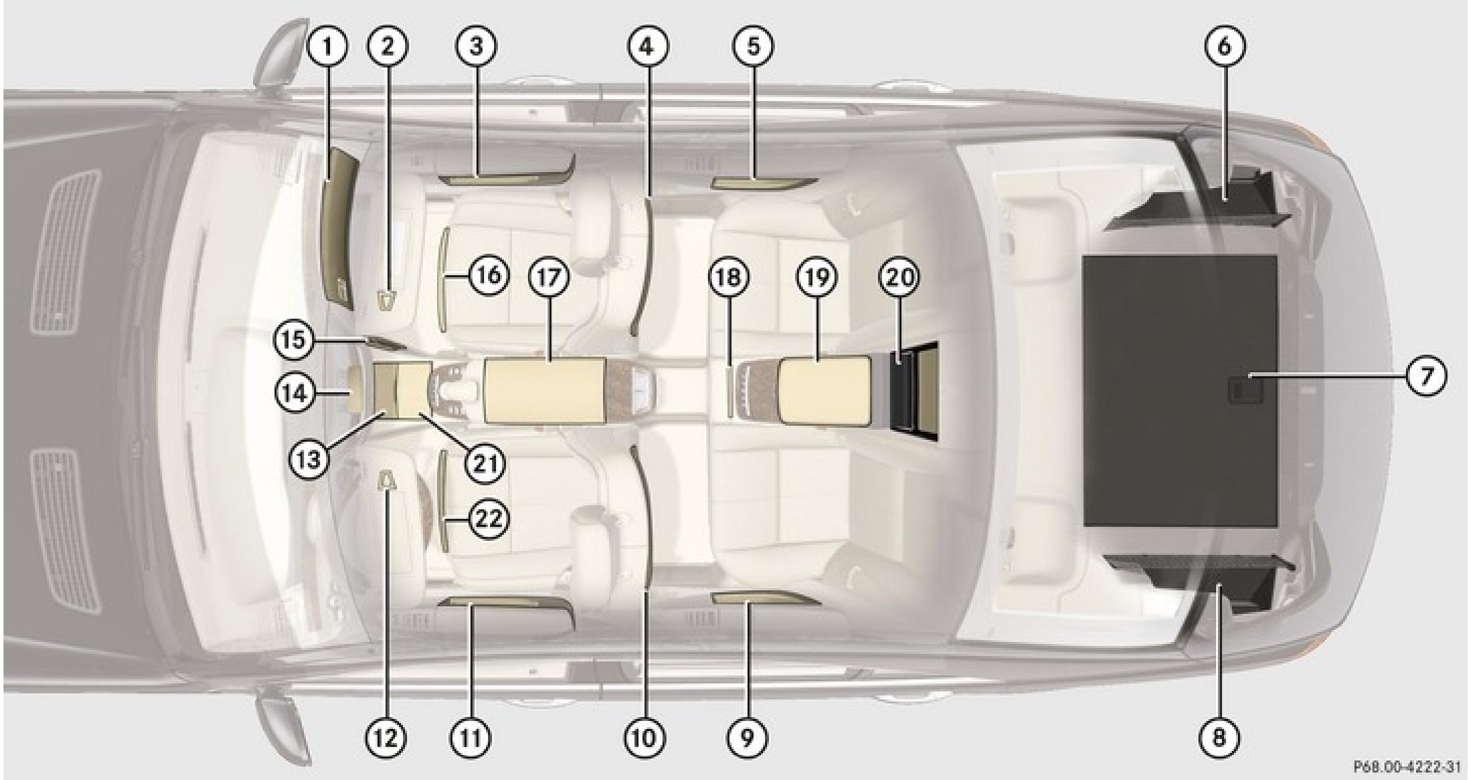
[1] Vehicles without DISTRONIC Plus: Warning lamp without function. It illuminates when the ignition is on. It should go out when the engine is running.

Storage compartments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Storage compartments

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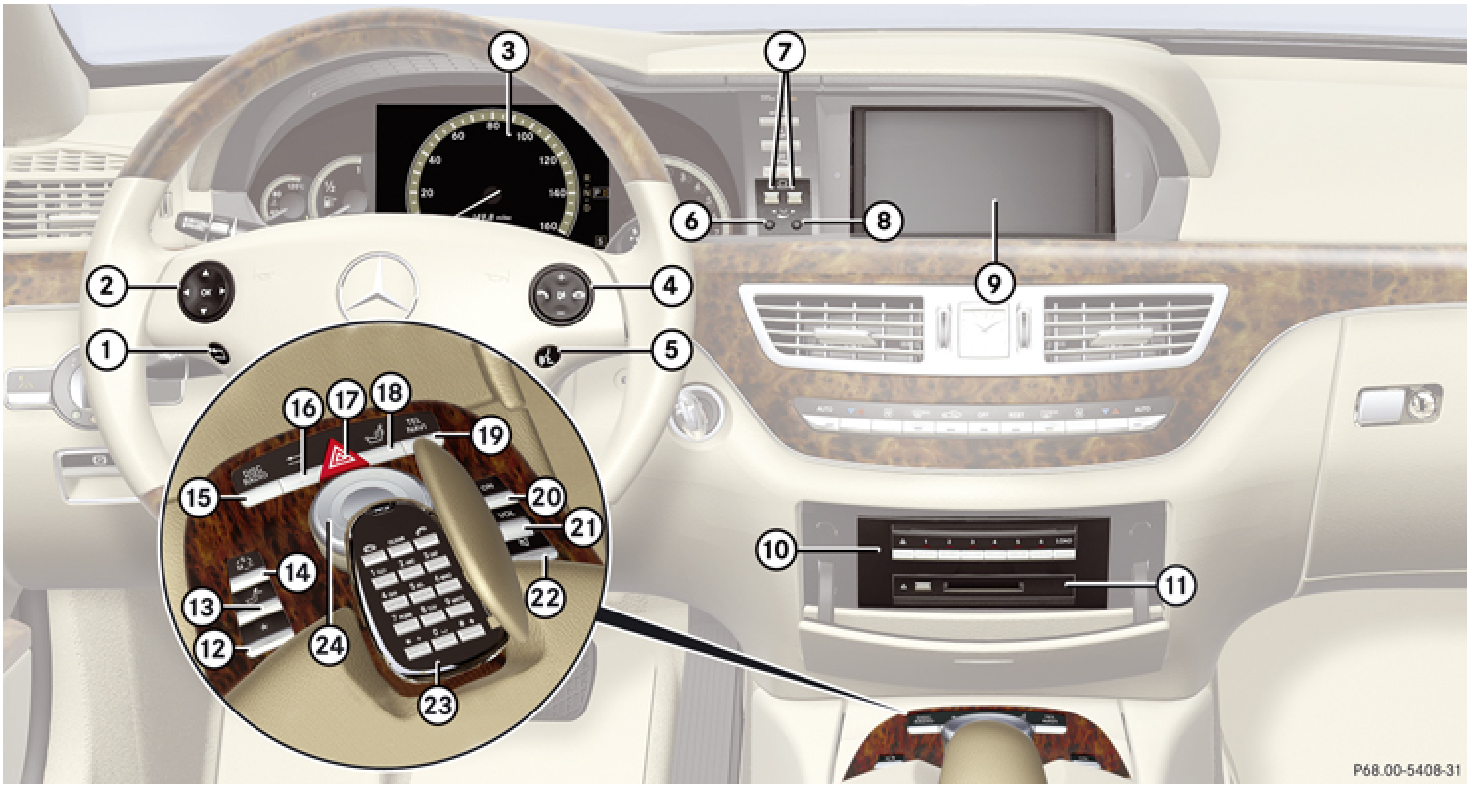
Control systems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①	Press button briefly ↩ to cancel Voice Control System, back, confirm messages Press and hold button ↩ to select the standard display	
②	Press button ▶ or ◀ to select menus	
	Press button briefly ▼ or ▲	
	• to select function or scroll through lists	
	• within Audio menu to select previous or next track, scene or stored station	
	• within Telephone menu to switch to the phone book and select a name or number	
	Press and hold button ▼ or ▲	
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[2] AMG vehicles only

Control systems

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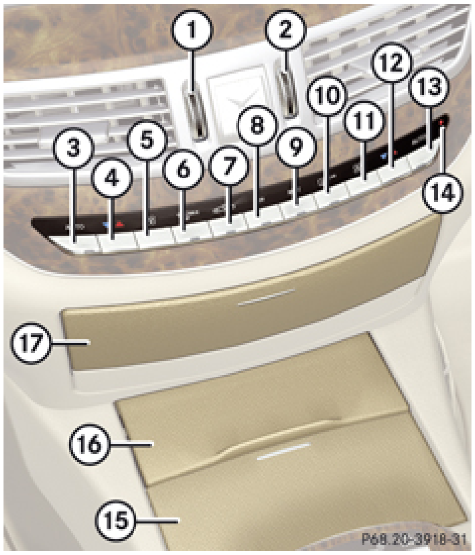
Center console



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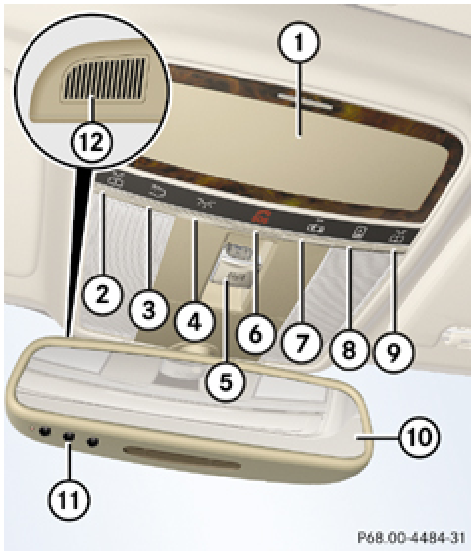
Overhead control panel

Overhead control panel



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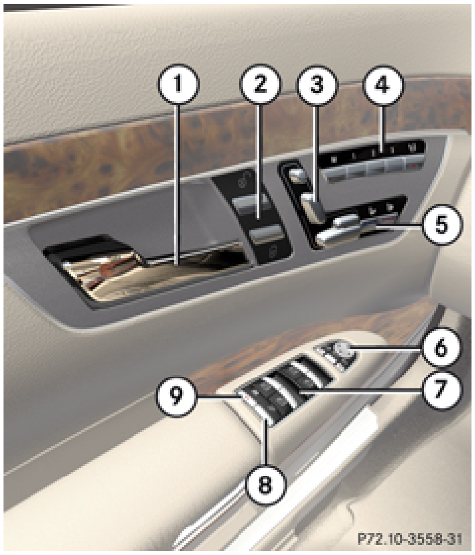
Driver's door control panel



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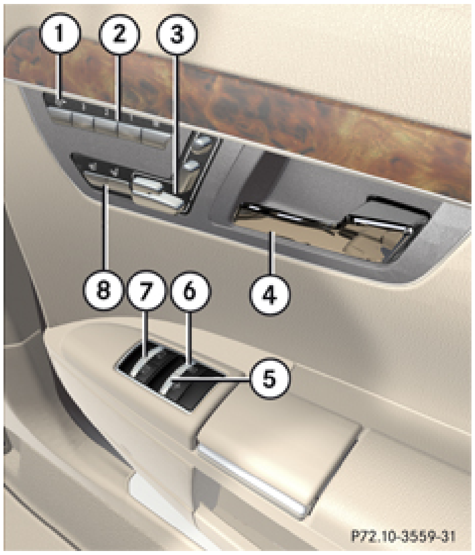
Rear door control panel

Rear door control panel



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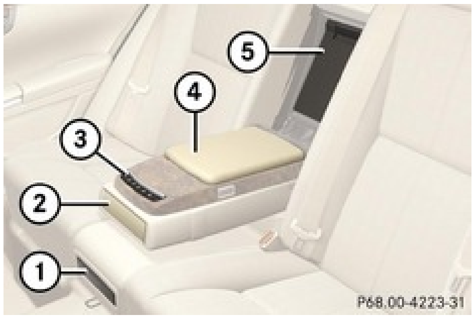
[3] This switch is located on the right rear passenger side only.

Rear passenger compartment



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Safety and security

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Occupant safety

Vehicle equipment

ℹ This Operator's Manual describes all features, standard or optional, potentially available for your vehicle at the time of purchase. Please be aware that your vehicle might not be equipped with all features described in this manual.

Occupant safety

Introduction

In this section you will learn the most important facts about the restraint system components of the vehicle.

The restraint systems are

- Seat belts
- Child restraints
- Lower Anchors and Tethers for CHildren (LATCH)

Additional protection potential is provided by:

- Supplemental Restraint System (SRS) with
  - Air bags
  - Air bag control unit (with crash sensors)
  - Emergency Tensioning Device (ETD) for seat belts
  - Seat belt force limiter
- Active head restraints
- Preventive occupant safety (PRE-SAFE®)
- Air bag system components with
  - Front passenger front air bag off indicator lamp
  - Front passenger seat with Occupant Classification System (OCS)

Although the systems are independent, their protective functions work in conjunction with each other.

⚠ **Warning!**

Modifications to or work improperly conducted on restraint system components or their wiring, as well as tampering with interconnected electronic systems, can lead to the restraint systems no longer functioning as intended.

Air bags or Emergency Tensioning Devices (ETDs), for example, could deploy inadvertently or fail to deploy in accidents although the deceleration threshold for air bag deployment is exceeded. Therefore, never modify the restraint systems. Do not tamper with electronic components or their software.

ℹ For information on infants and children traveling with you in the vehicle and restraint systems for infants and children, see “Children in the vehicle” (▷ page 62).

SRS indicator lamp

The SRS system conducts a self-test when the ignition is switched on and in regular intervals while the engine is running. This facilitates detection of system malfunctions.

The indicator lamp in the instrument cluster comes on when the ignition is switched on and goes out no later than a few seconds after the engine has been started.

The SRS components are in operational readiness if the indicator lamp is not lit when the engine is running.

A malfunction in the system has been detected if the indicator lamp

- fails to go out after approximately 4 seconds after the engine is started
- does not come on at all
- comes on after the engine was started or while driving

⚠ Warning!

In the event that the indicator lamp comes on while driving or does not come on at all, the SRS self-check has detected a malfunction. For your safety, we strongly recommend that you contact an authorized Mercedes-Benz Center immediately to have the system checked; otherwise the SRS may not deploy when needed in an accident, which could result in serious or fatal injury, or it might deploy unexpectedly and unnecessarily which could also result in injury.

In addition, improper work on the SRS creates a risk of rendering the SRS inoperative or causing unintended air bag deployment. Work on the SRS must therefore only be performed by qualified technicians. Contact an authorized Mercedes-Benz Center.

If it is necessary to modify an air bag system to accommodate a person with disabilities, contact an authorized Mercedes-Benz Center or call our Customer Assistance Center at 1-800-FOR-MERCedes (1-800-367-6372) for details.

Air bags

⚠ Warning!

Air bags are designed to reduce the potential of injury and fatality in certain frontal impacts (front air bags), side impacts (side impact air bags and window curtain air bags), or rollovers (window curtain air bags). However, no system available today can completely eliminate injuries and fatalities.

The deployment of the air bags temporarily releases a small amount of dust from the air bags. This dust, however, is neither injurious to your health, nor does it indicate a fire in the vehicle. The dust might cause some temporary breathing difficulty for people with asthma or other breathing trouble. To avoid this, you may wish to get out of the vehicle as soon as it is safe to do so. If you have any breathing difficulty but cannot get out of the vehicle after the air bag inflates, then get fresh air by opening a window or door.

⚠ Warning!

To reduce the risk of injury when the front air bags inflate, it is very important for the driver and front passenger to always be in

▷▷

Occupant safety

a properly seated position and to wear their respective seat belt.

For maximum protection in the event of a collision always be in normal seated position with your back against the seat backrest. Fasten your seat belt and make sure it is properly positioned on your body.

Since the air bag inflates with considerable speed and force, a proper seating position and correct positioning of the hands on the steering wheel will help to keep you at a safe distance from the air bag. Occupants who are not wearing their seat belt, are not seated properly or are too close to the air bag can be seriously injured or killed by an air bag as it inflates with great force instantaneously:

- Sit with the seat belt properly fastened in a position that is as upright as possible with your back against the seat backrest.
- Move the driver seat as far back as possible, still permitting proper operation of vehicle controls. The distance from the center of the driver's chest to the center of the air bag cover on the steering wheel must be at least 10 inches (25 cm) or more. You should be able to accomplish this by adjusting the seat and steering wheel. If you have any difficulties, please contact an authorized Mercedes-Benz Center.
- Do not lean your head or chest close to the steering wheel or dashboard.
- Keep hands on the outside of the steering wheel rim. Placing hands and arms inside the rim can increase the risk and potential severity of hand/arm injury when the driver front air bag inflates.
- Adjust the front passenger seat as far as possible rearward from the dashboard when the seat is occupied.
- Occupants, especially children, should never place their bodies or lean their heads in the area of the door where the side impact air bag inflates. This could result in serious injuries or death should the side impact air bag be deployed. Always sit as upright as possible, wear the seat belt properly and use an appropriately sized infant restraint, toddler restraint, or booster seat recommended for the size and weight of the child.

Failure to follow these instructions can result in severe injuries to you or other occupants.

If you sell your vehicle, it is important that you make the buyer aware of this safety information. Be sure to give the buyer this Operator's Manual.

⚠ Warning!

Accident research shows that the safest place for children in an automobile is in the rear seat.

There is a possibility for a side impact air bag-related injury if occupants, especially children, are not properly seated or restrained when next to a side impact air bag which needs to deploy rapidly in a side impact in order to do its job.

To help avoid the possibility of injury, please follow these guidelines:

(1) Occupants, especially children, should never place their bodies or lean their heads in the area of the door where the side impact air bags inflates. This could result in serious injuries or death

should the side impact air bags be deployed.

(2) Always sit as upright as possible, properly use the seat belts, and for children 12 years old and under, use an appropriately sized infant restraint, toddler restraint, or booster seat recommended for the size and weight of the child.

(3) Always wear seat belts properly.

If you believe that, even with the use of these guidelines, it would be safer for your rear seat occupants to have the rear mounted side impact air bags deactivated, then deactivation can be carried out upon your written request at an authorized Mercedes-Benz Center at an additional cost.

Please contact an local authorized Mercedes-Benz Center or call the Customer Assistance Center (in the USA) at 1-800-FOR-MERCedes (1-800-367-6372), or Customer Service (in Canada) at 1-800-387-0100 for details.

Air bags are designed to deploy only in certain frontal impacts (front air bags), side impacts (side impact and window curtain air bags) which exceed preset deployment thresholds, and in certain rollovers (window curtain air bags). Only in the event of such a situation will they provide their supplemental protection.

The driver and passengers should always wear their seat belts. Otherwise it is not possible for the air bags to provide their supplemental protection.

In case of other types of impacts and impacts below air bag deployment thresholds, air bags will not deploy. The driver and passengers will then be protected to the extent possible by a properly fastened seat belt. A properly fastened seat belt is also needed to provide the best possible protection in a rollover.

Air bags are not a substitute for seat belts. Always wear your seat belt, regardless of whether or not your vehicle is equipped with air bags.

It is important to your safety and that of your passengers that you replace deployed air bags and repair any malfunctioning air bags to make sure the vehicle will continue to provide supplemental crash protection for occupants.

Safety guidelines for the seat belt, Emergency Tensioning Device (ETD) and air bag

⚠ **Warning!**

- Damaged seat belts or seat belts that have been subjected to stress in an accident must be replaced and their anchoring points must also be checked. Only use seat belts installed or supplied by an authorized Mercedes-Benz Center.
- Air bags and pyrotechnic Emergency Tensioning Devices (ETDs) contain perchlorate material, which may require special handling and regard for the environment. Check with your local government’s disposal guidelines. California residents, see **www.dtsc.ca.gov/HazardousWaste/Perchlorate/index.cfm**.
- Air bags and ETDs are designed to function on a one-time-only basis. An air bag or ETD that is deployed must be replaced. PRE-SAFE® has electrically operated reversible pre-tensioners in addition to the pyrotechnic ETDs.
- Do not pass seat belts over sharp edges. They could tear.

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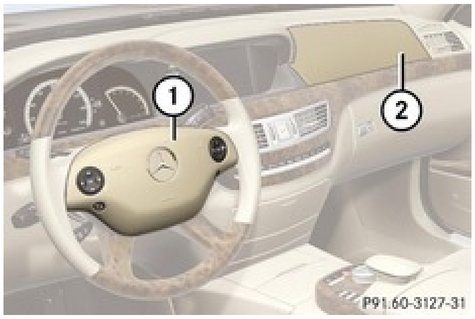
Occupant safety

- Do not make any modification that could change the effectiveness of the seat belts.
- Do not bleach or dye seat belts as this may severely weaken them. In a crash they may not be able to provide adequate protection.
- No modifications of any kind may be made to any components or wiring of the SRS. This includes changing or removing any component or part of the SRS, the installation of additional trim material, seat covers, badges, etc. over the steering wheel hub, front passenger front air bag cover, outboard sides of the seat backrests, door trim panels, or door frame trims, and installation of additional electrical/electronic equipment on or near SRS components and wiring. Keep area between air bags and occupants free of objects (e.g. packages, purses, umbrellas, etc.).
- Do not hang items such as coat hangers from the coat hooks or handles over the door. These items may be thrown around in the vehicle and cause head and other injuries when the window curtain air bag is deployed.
- Air bag system components will be hot after an air bag has inflated. Do not touch them.
- Never place your feet on the instrument panel, dashboard, or on the seat. Always keep both feet on the floor in front of the seat.
- In addition, improper repair work on the SRS creates a risk of rendering the SRS inoperative or causing unintended air bag deployment. Work on the SRS must therefore only be performed by qualified technicians. Contact an authorized Mercedes-Benz Center.
- For your protection and the protection of others, when scrapping the air bag unit or ETD, our safety instructions must be followed. These instructions are available from any authorized Mercedes-Benz Center.
- Given the considerable deployment speed, required inflation volume, and the material of the air bags, there is the possibility of abrasions or other, potentially more serious injuries resulting from air bag deployment.

If you sell your vehicle, we strongly recommend that you inform the subsequent owner that the vehicle is equipped with SRS and refer them to the applicable section in the Operator’s Manual.

Front air bags

⚠ **Observe Safety notes, see page 47.**



① Driver front air bag
② Front passenger front air bag

The front air bags are designed to provide increased protection for the driver and front passenger against the risk of injuries to the head and thorax.

Driver and front passenger front air bags are deployed

- in the event of certain frontal impacts
- if impact exceeds a preset deployment threshold
- if the system determines that air bag deployment can offer additional protection to that provided by the seat belt
- depending on whether the seat belt is in use
- independently of the side impact air bags and/or the window curtain air bags

The front air bags in this vehicle have been designed to inflate in two stages. This allows the air bags to have different rates of inflation that are based on the vehicle deceleration rate as assessed by the air bag control unit.

On the front passenger side, front air bag ② deployment is additionally influenced by the passenger's weight category as identified by the Occupant Classification System (OCS) (▷ page 50).

The lighter the front passenger side occupant, the higher the vehicle deceleration rate required for second stage inflation of front air bag ②.

The air bags will not deploy in impacts which do not exceed the system's preset deployment thresholds. You will then be protected by the fastened seat belts.

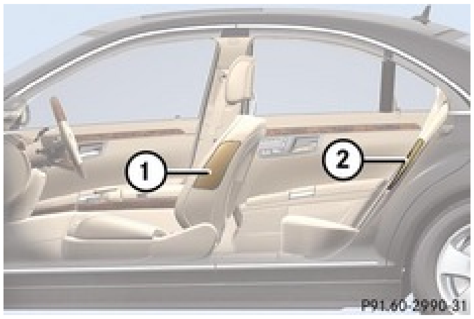
The front air bags will not deploy in the event of a rollover unless the vehicle's rate of longitudinal deceleration or acceleration exceeds the preset deployment threshold for the front air bags.

The front passenger front air bag ② will only be deployed if

- the system, based on OCS weight sensor readings, detects that the front passenger seat is occupied
- the PASS AIR BAG OFF indicator lamp in the center console is not lit (▷ page 53)
- the impact exceeds a preset deployment threshold

Side impact air bags

⚠ **Observe Safety notes, see page 47.**



① Front side impact air bag
② Rear side impact air bag

When deployed, the side impact air bags are designed to provide increased protection for the thorax (but not the head, neck and arms) of the occupants on the side of the vehicle on which the impact occurs.

The side impact air bags are deployed

- on the impacted side of the vehicle
- in side impacts exceeding a preset deployment threshold
- regardless of whether the seat belt is in use

▷▷

Occupant safety

- independently of the front air bags
- independently of the ETDs

The front passenger side impact air bag will not deploy if the OCS senses that the front passenger seat is empty and the front passenger seat belt is not fastened (latch plate is not inserted into the buckle). With an empty front passenger seat and the seat belt fastened (latch plate properly inserted into buckle) the front passenger side impact air bag will deploy independently of the empty seat.

The side impact air bags are not deployed in side impacts which do not exceed the system's deployment threshold.

The side air bags will not deploy in the event of a rollover unless the vehicle's rate of lateral deceleration or acceleration exceeds the preset deployment threshold for the side air bags.

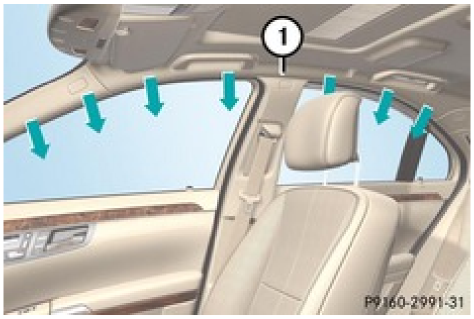
⚠ **Warning!**

Only use seat covers which have been tested and approved by Mercedes-Benz for your vehicle model. Using other seat covers may interfere with or prevent the deployment of the side impact air bags.

Contact an authorized Mercedes-Benz Center for availability.

Window curtain air bags

⚠ **Observe Safety notes, see page 47.**



① Window curtain air bag

When deployed, window curtain air bags ① are designed to provide increased protection for the head (but not the chest or arms) of the occupants on the side of the vehicle on which the impact occurs.

Window curtain air bags ① are deployed

- on the impacted side of the vehicle
- in side impacts exceeding a preset deployment threshold
- independently of the front air bags
- regardless of whether the front passenger seat is occupied
- regardless of whether the seat belt is in use
- in certain vehicle rollovers, if the system determines that air bag deployment can offer additional protection to that provided by the seat belt

Window curtain air bags ① are not deployed in impacts which do not exceed the system's deployment threshold.

Window curtain air bags ① deploy in the area indicated by the arrows.

Occupant Classification System

The Occupant Classification System (OCS) automatically turns the front passenger front air bag on or off based on the classified occupant weight category determined by weight sensor readings from the front passenger seat.

The system does not deactivate the front passenger side impact air bag, the window curtain air bag and the Emergency Tensioning Devices (ETDs).

Occupants must sit with the seat belt properly fastened in a position that is as upright as possible with their back against the seat backrest and feet on the floor to be correctly classified. If the occupant's weight is transferred to another object in the vehicle (e.g. by leaning on armrests), the OCS may not be able to properly approximate the occupant's weight category.

Furthermore, the occupant weight may appear to increase or decrease due to the following: objects hanging on the seat, lodged underneath the seat, stuffed between the seat and middle console or the seat and door, other passengers pushing on the seat, or objects applying pressure to the back of the seat. Always make sure the seat has clearance in all directions at all times.

ⓘ If your seat, including the trim cover and cushion, needs to be serviced in any way, take the vehicle to an authorized Mercedes-Benz Center.

Only seat accessories approved by Mercedes-Benz may be used.

Both the driver and the front passenger should always use the PASS AIR BAG OFF indicator lamp as an indication of whether or not the front passenger is properly positioned.

⚠ Warning!

If the PASS AIR BAG OFF indicator lamp illuminates when an adult or someone larger than a small individual is in the front passenger seat, have the front passenger re-position himself or herself in the seat until the PASS AIR BAG OFF indicator lamp goes out, or check whether objects are caught under or around the seat.

In the event of a collision, the air bag control unit will not allow front passenger front air bag deployment when the OCS has classified the front passenger seat occupant as weighting as much as or less than a typical 12-month-old child in a standard child restraint or if the front passenger seat is classified as being empty.

When the OCS senses that the front passenger seat occupant is classified as being up to or less than the weight of a typical 12-month-old child in a standard child restraint, the PASS AIR BAG OFF indicator lamp will illuminate when the engine is started and remain illuminated, indicating that the front passenger front air bag is deactivated.

When the OCS senses that the front passenger seat is classified as being empty, the PASS AIR BAG OFF indicator lamp will illuminate when the engine is started and remain illuminated, indicating that the front passenger front air bag is deactivated.

When the OCS senses that the front passenger seat occupant is classified as being heavier than the weight of a typical 12-month-old child seated in a standard child restraint or as being a small individual (such as a young teenager or a small adult), the PASS AIR BAG OFF indicator lamp will illuminate for approximately 6 seconds when the engine is started and then, depending on occupant weight sensor readings from the seat, remain illuminated or go out. With the PASS AIR BAG OFF indicator lamp illuminated, the front passenger front air bag is deactivated. With the PASS AIR BAG OFF indicator lamp out, the front passenger front air bag is activated.

When the OCS senses that the front passenger seat occupant is classified as an adult or someone larger than a small individual, the PASS AIR BAG OFF indicator lamp will illuminate for approximately 6 seconds when the engine is started and then go out, indicating that the front passenger front air bag is activated.

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If the PASS AIR BAG OFF indicator lamp is illuminated, the front passenger front air bag is deactivated and will not be deployed.

If the PASS AIR BAG OFF indicator lamp is not illuminated, the front passenger front air bag is activated and will be deployed

- in the event of certain frontal impacts
- if impact exceeds a preset deployment threshold
- independently of the side impact air bags

If the front passenger front air bag is deployed, the rate of inflation will be influenced by

- the rate of relevant vehicle deceleration as assessed by the air bag control unit
- the front passenger's weight category as identified by the OCS

For more information on air bag display messages, see (▷ page 498).

⚠ Warning!

According to accident statistics, children are safer when properly restrained in the rear seating positions than in the front seating position. Thus, we strongly recommend that children be placed in the rear seats whenever possible. Regardless of seating position, children 12 years old and under must be seated and properly secured in an appropriate infant restraint, toddler restraint, or booster seat recommended for the size and weight of the child.

The infant or child restraint must be properly secured with the vehicle's seat belt, the seat belt and top tether strap, or lower anchors and top tether strap, fully in accordance with the child seat manufacturer's instructions.

Occupants, especially children, should always sit as upright as possible, wear the seat belt properly and use an appropriately sized infant restraint, toddler restraint, or booster seat recommended for the size and weight of the child.

Children can be killed or seriously injured by an inflating air bag. Note the following important information when circumstances require you to place a child in the front passenger seat:

- Your vehicle is equipped with air bag technology designed to deactivate the front passenger front air bag in your vehicle when the system senses the weight of a typical 12-month-old child or less along with the weight of a standard appropriate child restraint on the front passenger seat.
- A child in a rear-facing child restraint on the front passenger seat will be seriously injured or even killed if the front passenger front air bag inflates in a collision which could occur under some circumstances, even with the air bag technology installed in your vehicle. The only means to completely eliminate this risk is to never place a child in a rear-facing child restraint in the front seat. We therefore strongly recommend that you always place a child in a rear-facing child restraint in a backseat.
- If you must install a rear-facing child restraint on the front passenger seat because circumstances require you to do so, make sure the PASS AIR BAG OFF indicator lamp is illuminated, indicating that the front passenger front air bag is deactivated. Should the PASS AIR BAG OFF indicator lamp not illuminate or go out while the restraint is installed, please check installation. Periodically check the PASS AIR BAG OFF indicator lamp while

driving to make sure the PASS AIR BAG OFF indicator lamp is illuminated. If the PASS AIR BAG OFF indicator lamp goes out or remains out, do not transport a child on the front passenger seat until the system has been repaired.

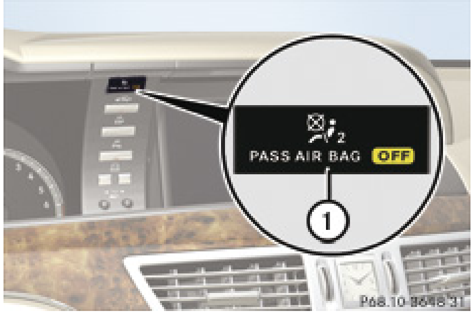
A child in a rear-facing child restraint on the front passenger seat will be seriously injured or even killed if the front passenger front air bag inflates.

- If you have to place a child in a forward-facing child restraint on the front passenger seat, move the seat as far back as possible, use the proper child restraint recommended for the age, size and weight of the child, and secure child restraint with the vehicle's seat belt according to the child seat manufacturer's instructions. For children larger than the typical 12-month-old child, the front passenger front air bag may or may not be activated.

Deployment of the driver front air bag does not mean that the front passenger front air bag also should have deployed.

The OCS may have determined:

- that the seat was empty or occupied by the weight up to or less than that of a typical 12-month-old child seated in a standard child restraint – both instances where the system suppresses deployment of the front passenger front air bag even though the impact met the criteria and was of sufficient severity to deploy the driver front air bag
- that the seat was occupied by a small individual (such as a young teenager or a small adult) or a child who weighs more than the weight of a typical 12-month-old child in a standard child restraint – both of which are instances where the system may suppress deployment of the front passenger front air bag even though the impact met the criteria and was of sufficient severity to deploy the driver front air bag



① Front passenger front air bag off indicator lamp

The PASS AIR BAG OFF indicator lamp ① will be illuminated, except with the SmartKey removed from the starter switch or with the starter switch in position **0**.

⚠ **Warning!**

If the indicator lamp and the PASS AIR BAG OFF indicator lamp are lit at the same time, there is a malfunction in the OCS. The front passenger front air bag will be deactivated in this case. Have the system checked as soon as possible by qualified technicians. Contact an authorized Mercedes-Benz Center.

Only have the seat repaired or replaced at an authorized Mercedes-Benz Center.

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In order to ensure proper operation of the air bag system and OCS:

- Do not place more than 4.4 lb (2 kg) into the storage bag on the back of the front passenger seat. Otherwise, the OCS may not be able to properly approximate the occupant weight category.
- Do not place objects under and/or around the front passenger seat.
- Do not hang anything from or attach any items to the seats.
- Do not stuff objects such as books between the front passenger seat and the center console or front passenger door.
- Do not move the front passenger seat backwards against stiff objects.
- Sit with the seat belt properly fastened in a position that is as upright as possible with your back against the seat backrest.
- While seated, an occupant should not position him/herself in such a way as to cause the occupant's weight to be lifted from the seat bottom as this may result in the OCS being unable to correctly approximate the occupant's weight category.
- Read and observe all warnings in this chapter.

Occupant Classification System Self-test

After turning the SmartKey in the starter switch to position **1** or **2** or pressing the KEYLESS-GO start/stop button once or twice, the PASS AIR BAG OFF indicator lamp illuminates. If an adult occupant is properly sitting on the front passenger seat and the system classifies the occupant as an adult, the PASS AIR BAG OFF indicator lamp will illuminate and go out after approximately 6 seconds.

If the seat is not occupied and the system classifies the front passenger seat as being empty, the PASS AIR BAG OFF indicator lamp will illuminate and not go out.

⚠ **Warning!**

If the PASS AIR BAG OFF indicator lamp does not illuminate, the system is not functioning. You must contact an authorized Mercedes-Benz Center before seating any child on the front passenger seat.

For more information, see the “Practical hints” section (▷ page 559).

⚠ **Warning!**

Never place anything between seat cushion and child seat (e.g. pillow), since it reduces the effectiveness of the OCS. The bottom and back of the child seat must make full contact with the passenger seat cushion and backrest.

If necessary, adjust the tilt of the passenger seat backrest.

An incorrectly mounted child seat could cause injuries to the child in case of an accident, instead of increasing protection for the child.

Follow the manufacturer's instructions for installation of child seats.

Seat belts

Safety notes

The use of seat belts and infant and child restraint systems is required by law in all 50 states, the District of Columbia, the U.S. territories and all Canadian provinces.

Even where this is not the case, all vehicle occupants should have their seat belts fastened whenever the vehicle is in motion.

For information on infants and children traveling with you in the vehicle and restraint systems for infants and children, see “Children in the vehicle” (▷ page 62).

⚠ **Warning!**

Always fasten your seat belt before driving off. Always make sure all of your passengers are properly restrained. You and your passengers should always wear seat belts.

Failure to wear and properly fasten and position your seat belt greatly increases your risk of injuries and their likely severity in an accident.

If you are ever in an accident, your injuries can be considerably more severe without your seat belt properly buckled. Without your seat belt buckled, you are much more likely to hit the interior of the vehicle or be ejected from it. You can be seriously injured or killed.

In the same crash, the possibility of injury or death is lessened if you are properly wearing your seat belt. The air bags can only protect as intended if the occupants are properly wearing their seat belts.

⚠ **Warning!**

Never ride in a moving vehicle with the seat backrest in an excessively reclined position as this can be dangerous. You could slide under the seat belt in a collision. If you slide under it, the seat belt would apply force at the abdomen or neck. That could cause serious or even fatal injuries. The seat backrest and seat belt provide the best restraint when the wearer is in a position that is as upright as possible and the seat belt is properly positioned on the body.

⚠ **Warning!**

Never let more people ride in the vehicle than there are seat belts available. Make sure everyone riding in the vehicle is correctly restrained with a separate seat belt. Never use a seat belt for more than one person at a time.

⚠ **Warning!**

Damaged seat belts or seat belts that have been subjected to stress in an accident must be replaced and their anchoring points must also be checked.

Only use seat belts which have been approved by Mercedes-Benz.

Do not make any modifications to the seat belts. This can lead to unintended activation of the ETDs or to their failure to activate when necessary.

Do not bleach or dye seat belts as this may severely weaken them. In a crash they may not be able to provide adequate protection.

Have all work carried out only by qualified technicians. Contact an authorized Mercedes-Benz Center.

Proper use of seat belts

⚠ **Warning!**

USE SEAT BELTS PROPERLY

- Seat belts can only work when used properly. Never wear seat belts in any other way than as described in this

▷▷

Occupant safety

section, as that could result in serious injuries in case of an accident.

- Each occupant should wear their seat belt at all times, because seat belts help reduce the likelihood of and potential severity of injuries in accidents, including rollovers. The integrated restraint system includes SRS (driver front air bag, front passenger front air bag, side impact air bags, window curtain air bags for side windows), Emergency Tensioning Devices (ETDs), seat belt force limiters, and front seat knee bolsters.

  The system is designed to enhance the protection offered to properly belted occupants in certain frontal (front air bags and ETDs) and side (side impact air bags, window curtain air bags, and ETDs) impacts which exceed preset deployment thresholds and in certain rollovers (window curtain air bags and ETDs).
- Never wear the shoulder belt under your arm, against your neck or off your shoulder. In a frontal crash, your body would move too far forward. That would increase the chance of head and neck injuries. The seat belt would also apply too much force to the ribs or abdomen, which could severely injure internal organs such as your liver or spleen.

  Adjust the seat belt so that the shoulder section is located as close as possible to the middle of the shoulder (it should not touch the neck). Never pass the shoulder portion of the seat belt under your arm. For this purpose, you can adjust the height of the seat belt outlet (depending on vehicle production date).
- Position the lap belt as low as possible on your hips and not across the abdomen. If the lap belt is positioned across your abdomen, it could cause serious injuries in a crash.
- Never wear seat belts over rigid or breakable objects in or on your clothing, such as eyeglasses, pens, keys etc., as these might cause injuries.
- Make sure the seat belt is always fitted snugly. Take special care of this when wearing loose clothing.
- Never use a seat belt for more than one person at a time. Do not fasten a seat belt around a person and another person or other objects at the same time.
- Seat belts should not be worn twisted. In a crash, you would not have the full width of the seat belt to distribute impact forces. The twisted seat belt against your body could cause injuries.
- Pregnant women should also always use a lap/shoulder belt. The lap belt portion should be positioned as low as possible on the hips to avoid any possible pressure on the abdomen.
- Place the seat backrest in a position that is as upright as possible.
- Check your seat belt during travel to make sure it is properly positioned.
- Never place your feet on the instrument panel, dashboard, or on the seat. Always keep both feet on the floor in front of the seat.
- When using a seat belt to secure infant restraints, toddler restraints, or children in booster seats, always follow the child seat manufacturer’s instructions.

⚠ **Warning!**

Do not pass seat belts over sharp edges. They could tear.

Do not allow the seat belt to get caught in the door or in the seat adjustment mechanism. This could damage the seat belt.

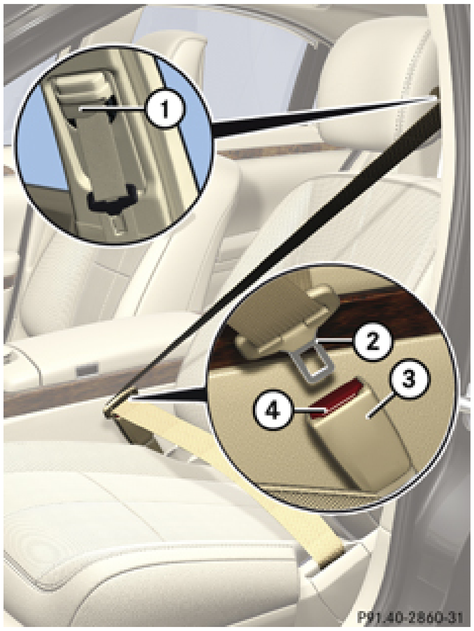
Never attempt to make modifications to seat belts. This could impair the effectiveness of the seat belts.

Fastening the seat belts

⚠ Warning!

According to accident statistics, children are safer when properly restrained in the rear seating positions than in the front seating position. Thus, we strongly recommend that children be placed in the rear seats whenever possible. Regardless of seating position, children 12 years old and under must be seated and properly secured in an appropriately sized infant restraint, toddler restraint, or booster seat recommended for the size and weight of the child. For additional information, see “Children in the vehicle”.

A child’s risk of serious or fatal injuries is significantly increased if the child restraints are not properly secured in the vehicle and/or the child is not properly secured in the child restraint.



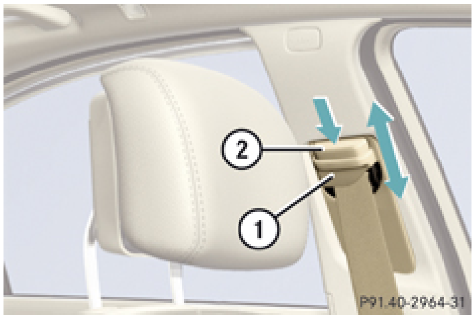
① Seat belt outlet
② Latch plate
③ Buckle
④ Seat belt release button

- ▶ With a smooth motion, pull the seat belt out of seat belt outlet ①.
- ▶ Place the shoulder portion of the seat belt across the top of your shoulder and the lap portion across your hips.
- ▶ Push latch plate ② into buckle ③ until it clicks.
- ▶ If necessary, adjust the seat belt to the correct height (depending on vehicle production date).
- ▶ If necessary, tighten the lap portion to a snug fit by pulling shoulder portion up.

Seat belt outlet height adjustment

Depending on vehicle production date, your vehicle adjust the seat belt height for the driver and front passenger seat automatically, or you can adjust the height of the seat belt for the driver and front passenger seat manually. The seat belts for the rear outer seats are adjusted automatically.

▷▷



① Seat belt height adjuster
② Release button

▶ **Raising:** Slide seat belt height adjuster ① upward.
Seat belt height adjuster ① engages in different positions.

▶ **Lowering:** Press and hold release button ②.

▶ Slide seat belt height adjuster ① downward.

▶ Release button ② and make sure seat belt height adjuster ① engages into place.

Releasing the seat belts

▶ Press seat belt release button ④ (▷ page 57).
Allow the retractor to completely rewind the seat belt by guiding latch plate ② (▷ page 57).

! Make sure the seat belt retracts fully so that the seat belt and/or latch plate cannot get caught or pinched in the door or in the seat mechanism. This can damage the seat belt and impair its effectiveness, and/or cause damage to the door and/or door trim panel. Such damage is not covered by the Mercedes-Benz Limited Warranty.

Damaged seat belts must be replaced. Contact an authorized Mercedes-Benz Center.

Enhanced seat belt reminder system

When the engine is started, the seat belt telltale will always illuminate for 6 seconds to remind you and your passengers to fasten your seat belts.

If the driver's seat belt is not fastened when the engine is started, an additional warning chime will also sound for a maximum of 6 seconds or until the driver's seat belt is fastened.

If after these 6 seconds the driver's or the front passenger's seat belt (with the front passenger seat occupied) is not fastened with front doors closed,

- the seat belt telltale remains illuminated for as long as either the driver's or front passenger's seat belt is not fastened.
- and if the vehicle speed once exceeds 15 mph (25 km/h), the seat belt telltale starts flashing and a warning chime sounds with increasing intensity for a maximum of 60 seconds or until the driver's and front passenger's seat belt are fastened.

If you and/or your passenger release the seat belt during driving, the seat belt telltale starts flashing and the warning chime sounds as described before.

If the driver's or the front passenger's seat belt remains unfastened after 60 seconds, the warning chime stops sounding, the seat belt telltale stops flashing but continues to be illuminated.

After a vehicle standstill, the warning chime is reactivated and the seat belt telltale is flashing again if the vehicle speed once exceeds 15 mph (25 km/h).

The seat belt telltale will only go out if both the driver's and the front passenger's seat belt (with the front passenger seat occupied) are fastened, or the vehicle is standing still and a front door is opened.

For more information, see "Practical hints" (▷ page 552).

Emergency Tensioning Device (ETD), seat belt force limiter

The seat belts for the front seats and rear outer seats are equipped with ETDs and seat belt force limiters.

The ETDs are designed to activate in the following cases:

- in frontal or rear-end impacts exceeding the system's preset deployment threshold
- in side impacts exceeding the system's preset deployment threshold on the far side of the impact
- in certain vehicle rollovers
- if the restraint systems are operational and functioning correctly, see indicator lamp (▷ page 45)

The ETDs for the front seats will only activate if the front seat belts are fastened (latch plate properly inserted into buckle).

The ETDs for the rear outer seats will activate with or without the respective seat belts fastened.

In an impact, the ETDs remove slack from the seat belts in such a way that the seat belts fit more snugly against the body. Seat belt force limiters, when activated, are employed to help reduce the peak force exerted by the seat belts on occupants during a crash.

ℹ The ETDs do not correct an incorrect seat position or incorrectly worn seat belts.

The ETDs do not pull occupants back toward the seat backrest.

⚠ **Warning!**

Pyrotechnic ETDs that were activated must be replaced.

For your safety, when disposing of the pyrotechnic ETDs always follow our safety instructions. These are available at any authorized Mercedes-Benz Center.

PRE-SAFE® has electrically operated reversible pre-tensioners that do not require replacement after activation.

Automatic comfort-fit feature seat belt

An automatic comfort-fit feature for the front seats and for the rear outer seats (only for vehicles with rear power seats) reduces the retracting force of the seat belts when they are in normal use.

Preventive occupant safety (PRE-SAFE®)

⚠ **Warning!**

PRE-SAFE® is intended to reduce the effects of an accident on vehicle occupants who are wearing their seat belt properly. Despite having the PRE-SAFE® system in your vehicle, the possibility of injuries occurring as a result of an accident cannot be eliminated. Therefore, you should always drive carefully and adjust your driving to the prevailing road, weather, and traffic conditions.

Your vehicle takes preventive measures to better protect the occupants in the following hazardous situations automatically.

PRE-SAFE® takes preventive measures in

- emergency braking situations, e.g. if the Brake Assist System (BAS) (▷ page 70) is activated

  or when

▷▷

Occupant safety

BAS Plus (▷ page 70) or the PRE-SAFE Brake (▷ page 76) is strongly intervening

- critical dynamic driving situations, e.g. when the vehicle is understeering or oversteering because it has exceeded its physical limitations or in case of evasive steering maneuvers at speeds above approximately 85 mph (140 km/h)

When you are driving faster than 20 mph (30 km/h), PRE-SAFE® takes the following measures in such situations:

- The front seat belts are pre-tensioned automatically.
- If the passenger seat is in an unfavorable position, it will be adjusted to a better position.
- If the vehicle is equipped with power adjustable rear seats and the passenger outer seats are in an unfavorable position, they will be adjusted to a better position.
- The system increases the air pressure in the air pockets (on the sides of the seat cushion and backrest) of the multicontour and/or drive-dynamic front seats.
- If the vehicle is equipped with multicontour rear seats, the system increases the air pressure in the air pockets (on the sides of the seat backrest) of the multicontour rear outer seats.
- If the vehicle is in a critical dynamic driving situation, the door windows and the tilt/sliding sunroof or panorama roof also closes until only a small gap remains.

If the closing procedure of the door windows, tilt/sliding sunroof, or panorama roof, is blocked, the door windows, tilt/sliding sunroof, or panorama roof, will stop and open slightly.

Once the hazardous situation is over without an accident occurring, PRE-SAFE® loosens the seat belt pre-tension and decreases the air pressure in the air pockets of the multicontour and/or drive-dynamic seats. You can readjust all of the settings made by PRE-SAFE®.

If the seat belts do not release:

▶ Adjust the seat backrest to the rear until the seat belt tension is diminished.
The locking mechanism releases.

! When adjusting the seat backrests, make sure there are no items behind the seats. Otherwise, you could damage the seats.

Active head restraints

The active head restraints are intended to offer the driver and front passenger increased protection from whiplash-type injuries. In the event of a rear-end collision, the active head restraints on the driver's and front passenger's seat are designed to move forward in the direction of travel, providing the head with increased support earlier on in the collision sequence. The active head restraints move forward whether the seat is occupied or not.

⚠ **Warning!**

Do not attach any objects (e.g. hangers) to the head restraint posts. Otherwise, the active head restraints may not be able to function properly or offer the intended degree of protection they were designed for in the event of a rear-end collision.

If the active head restraints have been triggered in an accident, the active head restraints must be reset. Otherwise, the active head restraints cannot offer any additional protection in the event of another rear-end collision.

For information on resetting the activated active head restraints, see “Resetting activated head restraints” (▷ page 562).

You cannot remove the active head restraint on the driver's and front passenger's seats.

⚠ **Warning!**

Only use seat or head restraint covers which have been tested and approved by Mercedes-Benz for your vehicle model.

Using other seat or head restraint covers may interfere with or prevent the activation of the active head restraints and/or the deployment of the front side impact air bags.

Contact an authorized Mercedes-Benz Center for availability.

⚠ **Warning!**

For your protection, drive only with properly positioned head restraints.

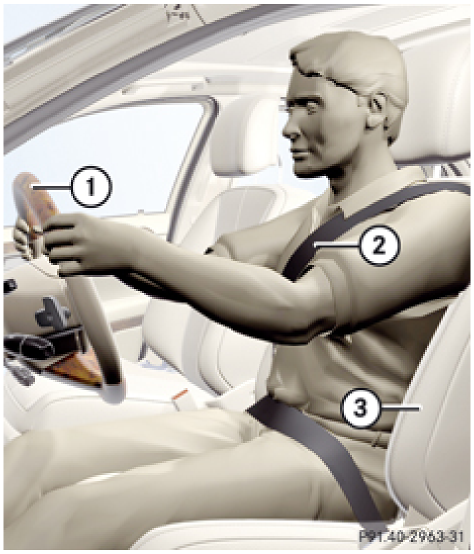
Adjust the head restraint so that it is as close to the head as possible and the center of the head restraint supports the back of the head at eye level. This will reduce the potential for injury to the head and neck in the event of an accident or similar situation.

For information on head restraint adjustment, see "Head restraints" (▷ page 313).

Correct driver seat adjustment

⚠ **Warning!**

In order to avoid possible loss of vehicle control, all seat, head restraint, steering wheel, and rear view mirror adjustments, as well as fastening of seat belts, must be done before the vehicle is put into motion.



① Steering wheel
② Seat belt
③ Seat

Steering wheel

⚠ **Observe Safety notes, see page 319.**

- ▶ Position steering wheel ① properly (▷ page 319).

Occupant safety

Make sure:

- You can reach steering wheel ① with your arms slightly bent at the elbows.
- You can move your legs freely.
- All displays (including malfunction and indicator lamps) on the instrument cluster are clearly visible.

Seat belt

⚠ **Observe Safety notes, see page 55.**

▶ Fasten and position your seat belt ② (▷ page 57) correctly.

Make sure:

- Seat belt ② is always fitted snugly.
- Adjust seat belt ② so that the shoulder section is located as close as possible to the middle of the shoulder.
- Place the lap portion of seat belt ② as low as possible on your hips.

Seat and head restraint

⚠ **Observe Safety notes, see page 309.**

▶ Position seat ③ (▷ page 310) and head restraint properly (▷ page 313).

Observe the following points:

- Always be in a properly seated position.
- The position should be as far rearward from the front air bag in steering wheel ① as possible, while still permitting proper operation of vehicle controls.
- Adjust seat ③ to a comfortable seating position that still allows you to reach the accelerator/brake pedal safely.
- Seat ③ must be adjusted so that you can correctly fasten and position your seat belt ②.
- The seat backrest must be in a position that is as nearly upright as possible.
- Adjust the seat cushion so that the front edge of the seat cushion lightly supports your legs.
- Adjust the head restraint so that it is as close to the head as possible and the center of the head restraint supports the back of the head at eye level.
- Never place hands under seat ③ or near any moving parts while seat ③ is being adjusted.

Children in the vehicle

Safety notes

If an infant or child is traveling with you in the vehicle:

▶ Secure the child using an infant or child restraint appropriate to the age and size of the child.

▶ Make sure the infant or child is properly secured at all times while the vehicle is in motion.

⚠ **Warning!**

When leaving the vehicle, always remove the SmartKey from the starter switch. Always take the SmartKey with you and lock the vehicle. Do not leave children unattended in the vehicle, even if they are secured in a child restraint system, or with access to an unlocked vehicle. A child's unsupervised access to a vehicle could result in an accident and/or serious personal injury. The children could

- injure themselves on parts of the vehicle
- be seriously or fatally injured through excessive exposure to extreme heat or cold
- injure themselves or cause an accident with vehicle equipment that can be operated even if the SmartKey is removed from the starter switch or removed from the vehicle, such as seat adjustment, steering wheel adjustment, or the memory function.

If children open a door, they could injure other persons or get out of the vehicle and injure themselves or be injured by following traffic.

Do not expose the child restraint system to direct sunlight. The child restraint system's metal parts, for example, could become very hot, and the child could be burned on these parts.

⚠ **Warning!**

Do not carry heavy or hard objects in the passenger compartment unless they are firmly secured in place.

Unsecured or improperly positioned cargo increases a child's risk of injury in the event of

- strong braking maneuvers
- sudden changes of direction
- an accident

For more information on loading, please refer to the “Loading and storing” (▷ page 414) chapter.

Infant and child restraint systems

⚠ **Observe Safety notes, see page 62.**

We recommend all infants and children be properly restrained at all times while the vehicle is in motion.

All lap/shoulder belts except the driver's seat belt have special seat belt retractors for secure fastening of child restraints.

To fasten a child restraint, follow child restraint instructions for mounting. Then pull the shoulder belt out completely and let it retract. During seat belt retraction, a ratcheting sound can be heard to indicate that the special seat belt retractor is activated. The seat belt is now locked. Push down on child restraint to take up any slack.

To deactivate, release the seat belt buckle and let the seat belt retract completely. To deactivate the special seat belt retractor for the front passenger seat, the front passenger seat must be in the most backward position. The seat belt can again be used in the usual manner.

⚠ **Warning!**

Never release the seat belt buckle while the vehicle is in motion, since the special seat belt retractor will be deactivated.

ℹ Information on child seats with mounting fittings for tether anchorages (▷ page 65).

For information on LATCH-type child seat anchors (▷ page 66).

The use of infant or child restraints is required by law in all 50 states, the District of Columbia, the U.S. territories and all Canadian provinces.

Infants and small children should be seated in an appropriate infant or child restraint system, properly secured in accordance with the manufacturer's instructions for the child restraint, that complies with U.S. Federal Motor Vehicle Safety Standards 213 and 225 and Canadian Motor Vehicle Safety Standards 213 and 210.2.

A statement by the child restraint manufacturer of compliance with these standards can be found on the instruction label on the restraint and in the instruction manual provided with the restraint.

When using any infant restraint, toddler restraint, or booster seat, make sure to carefully read and follow all manufacturer's instructions for installation and use.

Please read and observe warning labels affixed to the inside of the vehicle and to infant or child restraints.

⚠ Warning!

According to accident statistics, children are safer when properly restrained in the rear seating positions than in the front seating position. Thus, we strongly recommend that children be placed in the rear seats whenever possible. Regardless of seating position, children 12 years old and under must be seated and properly secured in an appropriate infant restraint, toddler restraint, or booster seat recommended for the size and weight of the child.

The infant or child restraint must be properly secured with the vehicle's seat belt, the seat belt and top tether strap, or lower anchors and top tether strap, fully in accordance with the child seat manufacturer's instructions.

Occupants, especially children, should always sit as upright as possible, wear the seat belt properly and use an appropriately sized infant restraint, toddler restraint, or booster seat recommended for the size and weight of the child.

Children can be killed or seriously injured by an inflating air bag. Note the following important information when circumstances require you to place a child in the front passenger seat:

- Your vehicle is equipped with air bag technology designed to deactivate the front passenger front air bag in your vehicle when the system senses the weight of a typical 12-month-old child or less along with the weight of a standard appropriate child restraint on the front passenger seat.
- A child in a rear-facing child restraint on the front passenger seat will be seriously injured or even killed if the front passenger front air bag inflates in a collision which could occur under some circumstances, even with the air bag technology installed in your vehicle. The only means to completely eliminate this risk is to never place a child in a rear-facing child restraint in the front seat. We therefore strongly recommend that you always place a child in a rear-facing child restraint in a backseat.
- If you must install a rear-facing child restraint on the front passenger seat because circumstances require you to do so, make sure the PASS AIR BAG OFF indicator lamp is illuminated, indicating that the front passenger front air bag is deactivated. Should the PASS AIR BAG OFF indicator lamp not illuminate or go out while the restraint is installed, please

check installation. Periodically check the PASS AIR BAG OFF indicator lamp while driving to make sure the PASS AIR BAG OFF indicator lamp is illuminated. If the PASS AIR BAG OFF indicator lamp goes out or remains out, do not transport a child on the front passenger seat until the system has been repaired.

A child in a rear-facing child restraint on the front passenger seat will be seriously injured or even killed if the front passenger front air bag inflates.

- If you have to place a child in a forward-facing child restraint on the front passenger seat, move the seat as far back as possible, use the proper child restraint recommended for the age, size and weight of the child, and secure child restraint with the vehicle's seat belt according to the child seat manufacturer's instructions. For children larger than the typical 12-month-old child, the front passenger front air bag may or may not be activated.

⚠ Warning!

Infants and small children should never share a seat belt with another occupant. During an accident, they could be crushed between the occupant and seat belt.

A child's risk of serious or fatal injuries is significantly increased if the child restraints are not properly secured in the vehicle and/or the child is not properly secured in the child restraint.

Children too big for a toddler restraint must ride in seats using regular seat belts. Position shoulder belt across chest and shoulder, not face or neck. A booster seat may be necessary to achieve proper seat belt positioning for children over 41 lb (18 kg) until they reach a height where a lap/shoulder belt fits properly without a booster.

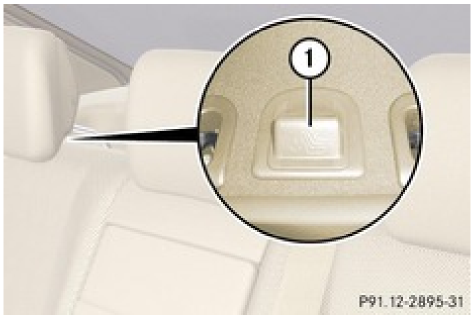
When the child restraint is not in use, remove it from the vehicle or secure it with the seat belt to prevent the child restraint from becoming a projectile in the event of an accident.

Installation of infant and child restraint systems

⚠ Observe Safety notes, see page 62.

This vehicle is equipped with tether anchorages for a top tether strap at each of the rear seating positions.

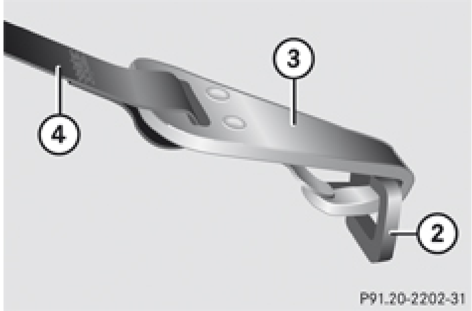
Top tether straps enable an additional connection to be made between child restraint systems secured with LATCH-type anchors and rear seats. This can further reduce the risk of injury.



① Anchorage ring cover

Occupant safety

- Bring the rear power seat backrest to a fully upright position (▷ page 310).
- Remove anchorage ring cover ① from the anchorage ring of the seat on which a child seat is to be installed.
- Store anchorage ring cover ① in a convenient place (e.g. glove box).



② Anchorage ring
③ Hook
④ Top tether strap

- Guide top tether strap ④ between the head restraint and top of the seat backrest.

  The head restraint must be positioned such that top tether strap ④ can pass freely between the head restraint and top of the seat backrest.
- Make sure top tether strap ④ is not twisted.
- Securely fasten hook ③, which is part of top tether strap ④, to anchorage ring ②.
- For safety, make sure hook ③ is attached to anchorage ring ② beyond the safety catch, as illustrated.

Once hook ③ is attached, the child restraint itself can be secured.

- Install the child restraint system and tighten top tether strap ④ according to the child restraint manufacturer's instructions.

After removing the child restraint system and top tether strap ④.

- Reinstall anchorage ring cover ①.

⚠ Warning!

Vehicles with rear power seats: Never adjust the rear seat position after installing the child restraint. Adjusting the rear seat position after installing the child restraint could damage the child restraint and/or introduce undesirable slack or tension into the seat belt and loosen or misposition the child restraint, lessening the effectiveness of the child restraint and thus increasing the chance or severity of injury in an accident.

Child seat anchors – LATCH-type

⚠ Observe Safety notes, see page 62.

This vehicle is equipped with two LATCH-type anchors (at each of the rear outer seats) for the installation of a LATCH-type child seat with matching mounting fittings.

⚠ Warning!

Children too big for a toddler restraint must ride in seats using regular seat belts. Position shoulder belt across chest and shoulder, not face or neck.

A booster seat may be necessary to achieve proper seat belt positioning for children over 41 lb (18 kg) until they reach a height where a lap/shoulder belt fits properly without a booster.

Install child seat according to manufacturer's instructions.

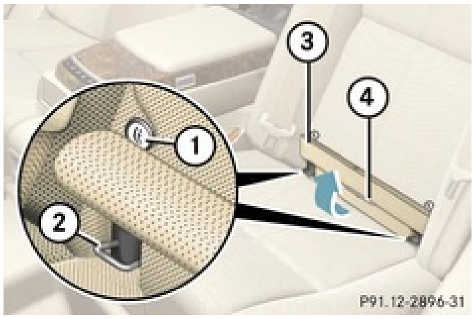
The child seat must be firmly attached to the right and left side anchors.

An incorrectly mounted child seat may come loose during an accident which could result in serious injury or death to the child.

Damaged or impact damaged child seats or child seat mounting fittings must be replaced.

Non-LATCH-type child seats may also be used and can be installed using the vehicle's seat belt system. Install child seat according to the manufacturer's instructions.

The LATCH-type anchors are covered with upholstery blends.



① Indicates the position of the anchors
② Anchors
③ Upholstery blend
④ Installation device

▶ Bring the rear power seat backrest to a fully upright position (▷ page 310).

▶ Fold upholstery blend ③ upward to access anchors ②.

▶ Turn installation device ④ to a vertical position so that upholstery blend ③ does not fold down.

▶ Install a LATCH-type child seat according to the manufacturer's instructions.
A rigid connection between the child seat and the body of the vehicle is established.

! Make sure the seat belt for the center seat can operate freely with a child seat installed.

⚠ Warning!
Vehicles with rear power seats: Never adjust the rear seat position after installing the child restraint. Adjusting the rear seat position after installing the child restraint could damage the child restraint and/or introduce undesirable slack or tension into the seat belt and loosen or misposition the child restraint, lessening the effectiveness of the child restraint and thus increasing the chance or severity of injury in an accident.

Child safety

Override switch

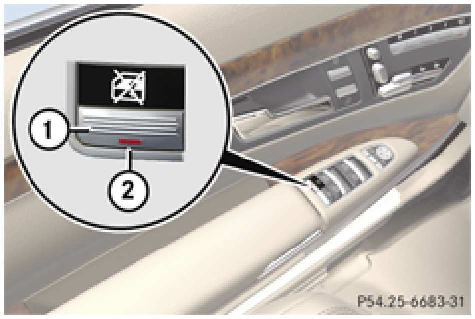
⚠ Observe Safety notes, see page 62.

You can disable select functions in the rear passenger compartment for added safety (for instance when you have children riding in the rear passenger compartment).

You can disable the following functions in the rear passenger compartment:

- rear door window operation
- adjustment of front passenger seat from the rear
- rear center console lighter
- sunblinds for panorama roof
- rear window sunshade and rear side window sunshades

⚠ Warning!
Activate the override switch when children are riding in the back seats of the vehicle. The children may otherwise injure themselves, e.g. by becoming trapped in the window opening.



① Override switch
② Indicator lamp

- ▶ **Activating:** Press override switch ①.
  Indicator lamp ② comes on.

  The functions in the rear are disabled.

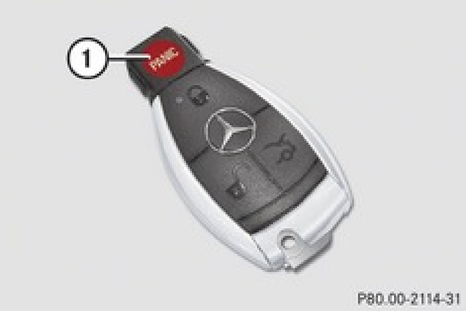
It is still possible to operate the rear door windows using the switches located on the door control panel of the driver's door.

- ▶ **Deactivating:** Press override switch ① again.
  Indicator lamp ② goes out.

  The functions in the rear are enabled again.

For more information on power windows, see the "Controls in detail" section (▷ page 334).

Panic alarm



① PANIC button

ℹ USA only:
This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference, and
2. this device must accept any interference received, including interference that may cause undesired operation.

Any unauthorized modification to this device could void the user's authority to operate the equipment.

ℹ Canada only:
This device complies with RSS-210 of Industry Canada. Operation is subject to the following two conditions:

1. This device may not cause interference, and
2. this device must accept any interference received, including interference that may cause undesired operation of the device.

Any unauthorized modification to this device could void the user's authority to operate the equipment.

- ▶ **Activating:** Press and hold button ① for at least 1 second.
  An audible alarm and flashing exterior lamps will operate briefly.
- ▶ **Deactivating:** Press button ① again.

or

- ▶ Insert the SmartKey in the starter switch.

or

- ▶ Press the KEYLESS-GO start/stop button.

  The SmartKey with KEYLESS-GO must be inside the vehicle.

Driving safety systems

Introduction

This section contains information about the following driving safety systems:

- ABS (Antilock Brake System)
- Adaptive Brake
- Adaptive Brake Lights
- BAS (Brake Assist System)
- BAS Plus (Brake Assist System Plus)
- EBP (Electronic Brake Proportioning)
- ESP® (Electronic Stability Program)
- PRE-SAFE® Brake (Preventive Occupant Safety System)

ℹ In winter operation, the maximum effectiveness of most of the driving systems described in this section is only achieved with winter tires, or snow chains as required.

Safety notes

⚠ **Warning!**

The following factors increase the risk of accidents:

- Excessive speed, especially in turns
- Wet and slippery road surfaces
- Following another vehicle too closely

The driving safety systems described in this section cannot reduce these risks or prevent the natural laws of physics from acting on the vehicle. They cannot increase braking or steering efficiency beyond that afforded by the condition of the vehicle brakes and tires or the traction afforded.

Only a safe, attentive, and skillful driver can prevent accidents.

The capabilities of a vehicle equipped with the driving safety systems described in this section must never be exploited in a reckless or dangerous manner which could jeopardize the user's safety or the safety of others.

Always adjust your driving style to the prevailing road and weather conditions and keep a safe distance to other road users and objects on the street.

If a driving system malfunctions, other driving safety systems may also switch off. Observe indicator and warning lamps that may come on as well as messages in the multifunction display that may appear.

ABS

⚠ **Observe Safety notes, see page 69.**

⚠ **Warning!**

Do not pump the brake pedal. Use firm, steady brake pedal pressure instead. Pumping the brake pedal defeats the purpose of the ABS and significantly reduces braking effectiveness.

The Antilock Brake System (ABS) regulates the brake pressure so that the wheels do not lock during braking. This allows you to maintain the ability to steer your vehicle.

The ABS is functional above a speed of approximately 5 mph (8 km/h) independent of road surface conditions.

On slippery road surfaces, the ABS will respond even to light brake pressure.

The ABS indicator lamp in the instrument cluster comes on when you switch on the

▷▷

Driving safety systems

ignition. It goes out when the engine is running.

Braking

At the instant one of the wheels is about to lock up, a slight pulsation can be felt in the brake pedal, indicating that the ABS is in the regulating mode.

▶ Keep firm and steady pressure on the brake pedal while you feel the pulsation.

Continuous, steady brake pedal pressure yields the advantages provided by the ABS, namely braking power and the ability to steer the vehicle.

The pulsating brake pedal can be an indication of hazardous road conditions and functions as a reminder to take extra care while driving.

Emergency brake maneuver

▶ Keep continuous full pressure on the brake pedal.

⚠ **Warning!**

If the ABS malfunctions, other driving safety systems such as the BAS or the ESP® are also switched off. Observe indicator and warning lamps that may come on as well as messages in the multifunction display that may appear.

If the ABS malfunctions, the wheels may lock during hard braking, reducing steering capability and extending the braking distance.

For more information, see “What to do if …?” (▷ page 549).

BAS

⚠ **Observe Safety notes, see page 69.**

The Brake Assist System (BAS) operates in emergency situations. If you apply the brakes very quickly, the BAS automatically provides full brake boost, thereby potentially reducing the braking distance.

▶ Apply continuous full braking pressure until the emergency braking situation is over. The ABS will prevent the wheels from locking.

When you release the brake pedal, the brakes function again as normal. The BAS is then deactivated.

⚠ **Warning!**

If the BAS malfunctions, the brake system still functions, but without the additional brake boost available that the BAS would normally provide in an emergency braking maneuver. Therefore, the braking distance may increase.

BAS Plus

The Brake Assist System Plus (BAS Plus) operates in emergency braking situations and uses radar sensors to assess the traffic situation. BAS Plus assists you in braking at speeds above approximately 20 mph (30 km/h).

When traveling in Canada in a vehicle not registered in Canada, you must switch off the radar sensor system (▷ page 253). Canadian law does not permit the use of the radar sensor system for vehicles from outside of Canada.

When you switch off the radar system, the following functions are deactivated:

- BAS Plus
- PRE-SAFE® Brake (▷ page 76)
- DISTRONIC Plus (▷ page 360)
- Park Assist (▷ page 379)
- Blind Spot Assist (▷ page 392)
- Advanced Parking Guidance (▷ page 383)

⚠ **Warning!**

BAS Plus is a convenience system designed to assist the driver during vehicle operation. The responsibility for the vehicle speed and the distance to the vehicle ahead, including most importantly brake operation to assure safe stopping distance, always remains with the driver.

Always pay attention to traffic conditions even while BAS Plus is switched on. Otherwise, you may not be able to recognize dangerous situations until it is too late and could cause an accident resulting in personal or fatal injury to you or others.

ℹ This device has been approved by the FCC as a “Vehicular Radar System”. The radar sensor is intended for use in an automotive radar system only. Removal, tampering, or altering of the device will void any warranties, and is not permitted by the FCC. Do not tamper with, alter, or use in any non-approved way.

Any unauthorized modification to this device could void the user’s authority to operate the equipment.

BAS Plus detects obstacles that are in your driving path for a sufficient period of time to permit the system to recognize these obstacles. If you approach the detected obstacle quickly, BAS Plus calculates the level of brake power boost appropriate for the circumstance to supply when the driver applies the brakes.

When you step quickly on the brake pedal in an emergency braking situation, BAS Plus automatically regulates the brake power boost to a level that is suitable for the traffic situation.

If BAS Plus requires a particularly high brake power boost, PRE-SAFE® is activated at the same time.

▶ Keep constant pressure on the brake pedal until the emergency braking situation is over.
During this process, the ABS prevents the wheels from locking up.

The brakes will resume normal operation after

- the brake pedal is released
- no obstacles are detected in your path
- the system no longer senses a risk of a collision

BAS Plus is then deactivated.

BAS Plus can react to stationary obstacles such as standing or parked vehicles at road speeds of up to approximately 40 mph (70 km/h).

BAS Plus can only assist you when the radar sensors are switched on and functional. You can check whether the sensors are active by switching on DISTRONIC Plus (▷ page 360) or using the `Radar sensors` function (▷ page 253) in the instrument cluster control system.

⚠ **Warning!**

BAS Plus will only respond with brake assistance if it has clearly detected an object. Detection can be impeded by

- dirty or covered sensors
- snowfall or heavy rain
- disturbance from other radar sources
- strong radar reflection such as in parking garages

BAS Plus uses radar signals that are not reflected well by narrow objects and absorptive materials. For this reason BAS Plus will not react to persons, animals, and approaching traffic or cross-traffic.

BAS Plus may not detect narrow vehicles driving in front of you, such as motorcycles

▷▷

Driving safety systems

and vehicles driving offset from your vehicle center.

After a hard collision or damage to the front of the vehicle from an accident, have the adjustment and operation of the radar sensors checked by an authorized Mercedes-Benz Center.

If BAS Plus is not available due to a radar sensor malfunction, the braking system will continue to function normally with full brake boost and full standard BAS function.

Adaptive Brake

Adaptive Brake provides a high level of braking safety as well as increased braking comfort. It is coupled with the ABS, the ESP® and the BAS. Adaptive Brake takes driver and vehicle characteristics into consideration, thus achieving an optimal braking effect.

For more information on the brake system, see (▷ page 476).

Adaptive Brake Lights

ℹ This function is only available for the S 600 and the S 65 AMG (USA only).

The brake lamps flash in quick intervals while you are braking hard at a speed of more than 30 mph (50 km/h) or when you are braking with the aid of BAS or BAS Plus. This helps to alert drivers behind you.

If you bring the car to a complete stop by hard braking at a speed of more than 40 mph (70 km/h), the hazard warning flasher automatically comes on as soon as the vehicle is at a standstill. While the vehicle is stationary, the brake lamps are continuously lit up. Once you drive faster than 6 mph (10 km/h) afterward, the hazard warning flasher goes out.

EBP

⚠ **Observe Safety notes, see page 69.**

The Electronic Brake Proportioning (EBP) enhances braking effectiveness by allowing the rear brakes to supply a greater proportion of the braking effort in straight line braking without a loss of vehicle stability.

⚠ **Warning!**

If the EBP malfunctions, the brake system will still function with full brake boost. However, the rear wheels could lock up during emergency braking situations, for example. You could lose control of the vehicle and cause an accident.

Adapt your driving style to the changed driving characteristics.

ESP®

⚠ Observe Safety notes, see page 69.

The Electronic Stability Program (ESP®) is operational as soon as the engine is running and monitors the vehicle's traction (force of adhesive friction between the tires and the road surface) and handling.

The ESP® recognizes when a wheel is spinning or if the vehicle starts to skid. By applying brakes to individual wheels and by limiting the engine output, the ESP® works to stabilize the vehicle. The ESP® is especially useful while driving off and on wet or slippery road surfaces. The ESP® also stabilizes the vehicle during braking and steering maneuvers.

The ESP® warning lamp ⚠ in the instrument cluster comes on when you switch on the ignition. It goes out when the engine is running.

The ESP® warning lamp ⚠ in the instrument cluster flashes when the ESP® is engaged.

⚠ Warning!

Never switch off the ESP® when you see the ESP® warning lamp ⚠ flashing in the instrument cluster. In this case proceed as follows:

- When driving off, apply as little throttle as possible.
- While driving, ease up on the accelerator pedal.
- Adapt your speed and driving style to the prevailing road conditions.

Failure to observe these guidelines could cause the vehicle to skid. The ESP® cannot prevent accidents resulting from excessive speed.

! Vehicles with 4MATIC:
Only conduct operational or performance tests on a two-axle dynamometer. If such tests are necessary, contact an authorized Mercedes-Benz Center. You could otherwise seriously damage the brake system or the transfer case which is not covered by the Mercedes-Benz Limited Warranty.

! Vehicles with 4MATIC:
Because the ESP® operates automatically, the engine and ignition must be shut off (SmartKey in starter switch position **0** or **1** or KEYLESS-GO start/stop button in position **0** or **1**) when the electronic parking brake is being tested on a brake test dynamometer.

Active braking action through the ESP® may otherwise seriously damage the brake system which is not covered by the Mercedes-Benz Limited Warranty.

! Vehicles without 4MATIC:
Because the ESP® operates automatically, the engine and ignition must be shut off (SmartKey in starter switch position **0** or **1** or KEYLESS-GO start/stop button in position **0** or **1**) when the electronic parking brake is being tested on a brake test dynamometer or when the vehicle is being towed with one axle raised.

Active braking action through the ESP® may otherwise seriously damage the brake system which is not covered by the Mercedes-Benz Limited Warranty.

! The ESP® will only function properly if you use wheels of the recommended tire size

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as specified in the “Technical data” section of this Operator’s Manual.

ℹ The DISTRONIC Plus and cruise control switch off automatically when the ESP® engages.

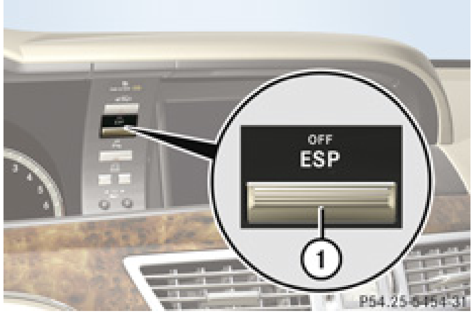
Electronic Traction System (ETS/4-ETS)

⚠ **Observe Safety notes, see page 69.**

The ETS (Electronic Traction System) and 4-ETS (four-wheel Electronic Traction System, vehicles with 4MATIC only) are components of the ESP®. The ETS/4-ETS improves the vehicle’s ability to utilize available traction, especially under slippery road conditions by applying the brakes to a spinning wheel. Vehicles with 4MATIC also transfer more power to the wheel(s) with traction.

When you switch off the ESP®, the ETS/4-ETS is still enabled.

Switching off the ESP®



① ESP® switch

Switching off the ESP® (except S 63 AMG)

⚠ **Warning!**

The ESP® should not be switched off during normal driving other than in the circumstances described below. Disabling the system will reduce vehicle stability in driving maneuvers.

Do not switch off the ESP® when a spare wheel is mounted.

To improve the vehicle’s traction, switch off the ESP® in driving situations in which it would be advantageous to have the drive wheels spin and thus cut into surfaces for better grip such as:

- when driving with snow chains
- in deep snow
- in sand or gravel

⚠ **Warning!**

Switch on the ESP® immediately if the aforementioned circumstances do not apply anymore. Otherwise the ESP® will not stabilize the vehicle when it is starting to skid or a wheel is spinning.

When you switch off the ESP®,

- the ESP® does not stabilize the vehicle
- the engine output is not limited, which allows the drive wheels to spin and thus cut into surfaces for better grip
- the ETS/4-ETS will still apply the brakes to a spinning wheel
- the ESP® continues to operate when you are braking

- you cannot activate the cruise control or the DISTRONIC Plus
- the cruise control or the DISTRONIC Plus switch off if activated

ℹ When the ESP® is switched off and one or more drive wheels are spinning, the ESP® warning lamp ⚠ in the instrument cluster flashes. However, the ESP® will then not stabilize the vehicle.

▶ With the engine running, press ESP® switch ① until the ESP® warning lamp ⚠ in the instrument cluster comes on.
The ESP® is switched off.

> **⚠ Warning!**
>
> When the ESP® warning lamp ⚠ is illuminated continuously, the ESP® is switched off or is not operational due to a malfunction. Vehicle stability in standard driving maneuvers is reduced.
>
> Adapt your speed and driving to the prevailing road conditions and to the non-operating status of the ESP®.

! Avoid spinning of a drive wheel for an extended period with the ESP® switched off. This may cause serious damage to the drivetrain which is not covered by the Mercedes-Benz Limited Warranty.

Switching off the ESP® (S 63 AMG only)

> **⚠ Warning!**
>
> The ESP® should not be switched off during normal driving.
>
> Disabling of the system will result in the following:
>
> - no restriction to engine torque
> - loss of system supported traction control
>
> “ESP® OFF” is designed for driving on closed tracks when the vehicle’s natural oversteer and understeer characteristics are desired and requires a highly skilled and experienced driver able to handle these critical driving situations.
>
> You could lose control of your vehicle and cause an accident.
>
> Please be aware of these limits when you switch off the ESP®.
>
> Do not switch off the ESP® when a spare wheel is mounted.

When you switch off the ESP®,

- the ESP® does not stabilize the vehicle
- the engine output is not limited, which allows the drive wheels to spin
- the ETS will still apply the brakes to a spinning wheel
- the ESP® operates while you are braking
- you cannot activate the cruise control or the DISTRONIC Plus
- the cruise control or the DISTRONIC Plus switch off if activated

ℹ When the ESP® is switched off and one or more drive wheels are spinning, the ESP® warning lamp ⚠ in the instrument cluster flashes. However, the ESP® will then not stabilize the vehicle.

▶ With the engine running, press ESP® switch ① until the ESP® warning lamp ⚠ in the instrument cluster comes on.
The ESP® is switched off.

> **⚠ Warning!**
>
> When the ESP® warning lamp ⚠ is illuminated continuously, the ESP® is switched off or is not operational due to a

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malfunction. Vehicle stability in standard driving maneuvers is reduced.

Adapt your speed and driving to the prevailing road conditions and to the non-operating status of the ESP®.

! Avoid spinning of a drive wheel for an extended period with the ESP® switched off. This may cause serious damage to the drivetrain which is not covered by the Mercedes-Benz Limited Warranty.

Switching on the ESP®

▶ Press ESP® switch ① until the ESP® warning lamp ⚠ in the instrument cluster goes out.
You are now again in normal driving mode with the ESP® switched on.

PRE-SAFE® Brake

In vehicles equipped with DISTRONIC Plus, the PRE-SAFE® Brake can assist you in minimizing the risk of a rear-end collision with a vehicle in front of you and in reducing the severity of an accident. At speeds above approximately 20 mph (30 km/h), it will

- warn you of a possible collision
- automatically begin to brake the vehicle lightly in a speed range of up to 112 mph (180 km/h)
- activate preventative occupant safety measures (PRE-SAFE®) (▷ page 59)

⚠ **Warning!**

PRE-SAFE® Brake is a convenience system designed to assist the driver during vehicle operation. The responsibility for the vehicle speed and the distance to the vehicle ahead, including most importantly brake operation to assure safe stopping distance, always remains with the driver.

Always pay attention to traffic conditions even while PRE-SAFE® is switched on. Otherwise, you may not be able to recognize dangerous situations until it is too late and could cause an accident resulting in personal or fatal injury to you or others.

ℹ USA only:
This device has been approved by the FCC as a “Vehicular Radar System”. The radar sensor is intended for use in an automotive radar system only. Removal, tampering, or altering of the device will void any warranties, and is not permitted by the FCC. Do not tamper with, alter, or use in any non-approved way.

Any unauthorized modification to this device could void the user’s authority to operate the equipment.

ℹ Canada only:
This device complies with RSS-210 of Industry Canada. Operation is subject to the following two conditions:

1. This device may not cause interference, and
2. this device must accept any interference received, including interference that may cause undesired operation of the device.

Removal, tampering, or altering of the device will void any warranties, and is not permitted. Do not tamper with, alter, or use in any non-approved way.

Any unauthorized modification to this device could void the user’s authority to operate the equipment.

PRE-SAFE® will only assist you by initiating braking automatically when the driver and front passenger have their seat belts fastened.

Using the radar sensors, PRE-SAFE® Brake detects obstacles that are in your driving path for a sufficient period of time for the system to recognize it. If you approach a vehicle and PRE-SAFE® Brake has established that the distance to the vehicle ahead at your current speed is so close that PRE-SAFE® Brake will not be capable of slowing the vehicle sufficiently, the system will initially warn you visually and acoustically.

When traveling in Canada in a vehicle not registered in Canada, you must switch off the radar sensor system (▷ page 253). Canadian law does not permit the use of the radar sensor system for vehicles from outside of Canada.

When you switch off the radar system, the following functions are deactivated:

- PRE-SAFE® Brake
- BAS Plus (▷ page 70)
- DISTRONIC Plus (▷ page 360)
- Park Assist (▷ page 379)
- Blind Spot Assist (▷ page 392)
- Advanced Parking Guidance (▷ page 383)

⚠ **Warning!**

PRE-SAFE® Brake will only respond with brake assistance if it has clearly detected an object. Detection can be impeded by

- dirty or covered sensors
- snowfall or heavy rain
- disturbance from other radar sources
- strong radar reflection such as in parking garages

PRE-SAFE® uses radar signals that are not reflected well by narrow objects and absorptive materials. For this reason PRE-SAFE® will not react to persons, animals, and approaching traffic or cross-traffic.

PRE-SAFE® may not detect narrow vehicles driving in front of you, such as motorcycles and vehicles driving offset from your vehicle center.

When the distance to the forward vehicle is too small, the distance warning lamp ⚠ in the instrument cluster comes on. If you approach the forward vehicle very quickly, you will hear a warning signal.

If you do not apply the brakes yourself or maneuver around a sensed obstacle, the vehicle will brake lightly automatically. PRE-SAFE® (▷ page 59) is activated when the distance to the vehicle ahead at your current speed is so close that PRE-SAFE® Brake will not be capable of slowing the vehicle sufficiently.

⚠ **Warning!**

PRE-SAFE® Brake brakes your vehicle with a maximum of 13 ft/s^2 (4 m/s^2). This corresponds to about 40% of the maximum deceleration ability of your vehicle. This automatic braking is intended only to initiate the braking if the driver has not already done so. The driver must apply the brakes in order to prevent a collision.

PRE-SAFE® Brake applies the brake pedal automatically which results in the brake pedal moving. Therefore keep driver’s foot

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area clear at all times, including the area under the brake pedal. Objects stored in this area may impair pedal movement which could interfere with the braking ability of the PRE-SAFE® Brake.

Do not place your foot under the brake pedal – your foot could become caught.

To maintain the proper distance to the vehicle in front of you and thus prevent a rear-end collision, you must apply the brakes yourself.

- ▶ Brake the vehicle immediately to avoid a collision.

  Under no circumstances should the driver await the intermittent warning sound before braking. Observe the following warning note.

  The intermittent warning sound ceases and the distance warning lamp ⚠ goes out when the necessary distance to the vehicle ahead is again established.

⚠ **Warning!**

An intermittent warning sounds and the distance warning lamp ⚠ in the instrument cluster is illuminated if PRE-SAFE® Brake calculates that the distance to the vehicle ahead and your vehicle's current speed indicate that PRE-SAFE® Brake will not be capable of slowing the vehicle sufficiently to maintain the preset following distance, which creates a danger of a collision.

Immediately brake your vehicle to increase the distance between your vehicle and the vehicle driving in front of you. The warning sound is intended as a final caution that you have not interceded with your own braking inputs to avoid a potentially dangerous situation. Do not wait for the operation of the warning signal to intercede with your own braking, as that will result in potentially dangerous emergency braking which will not always result in an impact being avoided.

Tailgating increases the risk of an accident.

PRE-SAFE® Brake can react to stationary obstacles such as standing or parked vehicles at road speeds of up to approximately 40 mph (70 km/h).

⚠ **Warning!**

If you do not receive visual or acoustic warning signals, PRE-SAFE® Brake has either not recognized the collision risk, has been deactivated or is malfunctioning. Apply the brakes yourself to avoid a collision.

- ▶ **Activating and deactivating:** Activate or deactivate PRE-SAFE® Brake using the instrument cluster control system (▷ page 250).

  After the function has been activated, indicator ⚠! appears on the left-hand side of the multifunction display.

PRE-SAFE® Brake does not always clearly interpret complex traffic situations. If a visual and/or acoustic warning is issued in an uncritical driving situation, or if the vehicle brakes lightly, you can interrupt the PRE-SAFE® Brake maneuver by pressing down all the way on the accelerator pedal, using kickdown, or releasing the brake pedal.

The PRE-SAFE® Brake maneuver is terminated immediately when

- you avoid the obstacle by evasive steering
- you drive less than 9 mph (15 km/h)
- an obstacle can no longer be identified ahead of you
- the system no longer senses the risk of a collision

ℹ PRE-SAFE® Brake will remain passive while DISTRONIC Plus is switched on (▷ page 360).

After a hard collision or damage to the front of the vehicle from an accident, have the settings and operation of the radar sensors checked by an authorized Mercedes-Benz Center.

Anti-theft systems

Immobilizer

The immobilizer prevents unauthorized persons from starting your vehicle.

When leaving the vehicle, always take the SmartKey with you and lock the vehicle. The engine can be started by anyone with a valid SmartKey that is left inside the vehicle.

Activating

▶ **With SmartKey:** Remove the SmartKey from the starter switch.

▶ **With KEYLESS-GO:** Turn off the engine and open the driver's door.

Deactivating

▶ Switch on the ignition.

ℹ Starting the engine will also deactivate the immobilizer.

In the event that the engine cannot be started (yet the vehicle's battery is charged), the system is not operational. Contact an authorized Mercedes-Benz Center or call 1-800-FOR-MERCedes (in the USA), or 1-800-387-0100 (in Canada).

Anti-theft alarm system

Once the alarm system has been armed, a visual and audible alarm is triggered when someone opens

- a door
- the trunk
- the hood

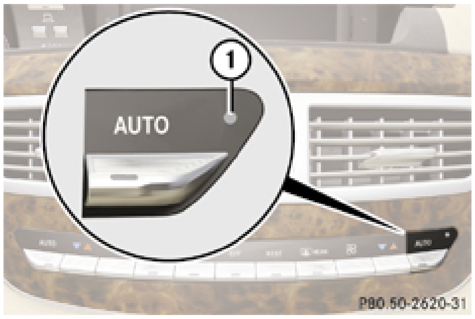
The alarm will stay on even if the activating element (a door, for example) is immediately closed.

The alarm system will also be triggered when

- the vehicle is opened with the mechanical key
- a door is opened from the inside

To cancel the alarm after it has been triggered, see "Canceling the alarm" (▷ page 80).

ℹ If the alarm stays on for more than 30 seconds, a call to the Response Center is initiated automatically by the Tele Aid system provided that you have subscribed to the Tele Aid service and that it has been activated properly, and that the necessary mobile phone, power supply and GPS coverage are available.



① Indicator lamp

- **Arming:** Lock the vehicle with the SmartKey or with KEYLESS-GO.
  The turn signal lamps flash three times to indicate that the vehicle is locked. Indicator lamp ① flashes to indicate that the alarm system is armed.

ℹ If the turn signal lamps do not flash three times, a door or the trunk may not be properly closed.

Close the respective element.

- **Disarming:** Unlock the vehicle with the SmartKey or with KEYLESS-GO.
  The turn signal lamps flash once to indicate that the alarm system is disarmed.

ℹ The vehicle will lock and the alarm system will rearm automatically again after approximately 40 seconds unless you open a door or the trunk.

Canceling the alarm

To cancel the alarm, do one of the following:

- Insert the SmartKey in the starter switch.
- Press button 🔓 or 🔒 on the SmartKey.

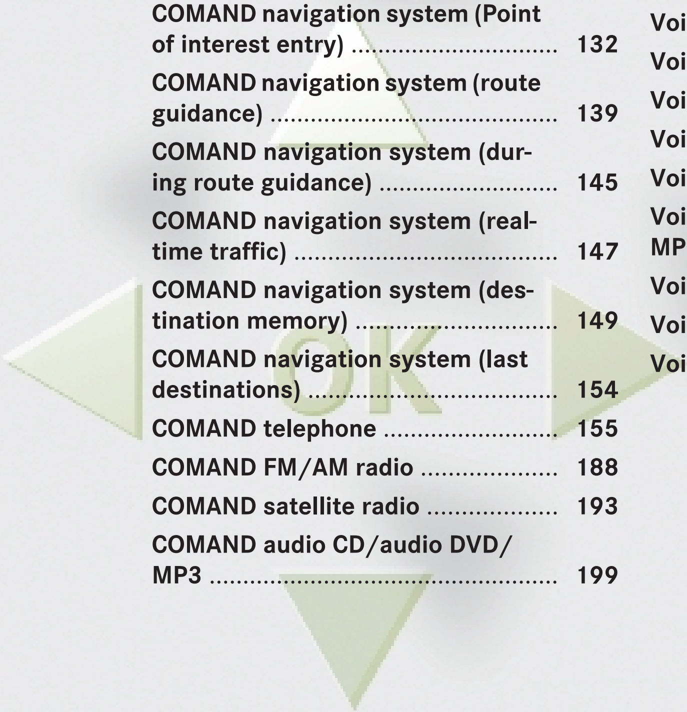
In vehicles with KEYLESS-GO:

- Grasp an outside door handle.

  The SmartKey must be within 3 ft (1 m) of the vehicle.
- Press the KEYLESS-GO start/stop button.

  The SmartKey must be inside the vehicle.

Control systems



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COMAND introduction

Vehicle equipment

ℹ This Operator’s Manual describes all features, standard or optional, potentially available for your vehicle at the time of purchase. Please be aware that your vehicle might not be equipped with all features described in this manual.

COMAND introduction

COMAND operating safety

COMAND (Cockpit Management and Data System) is an information and operating center for vehicle sound and communications systems, including the radio and navigation system, as well as other optional equipment (satellite radio, telephone, etc.).

⚠ **Warning!**

Any alteration of electronic components or software can cause malfunctions.

Radio, satellite radio, amplifier, CD/DVD changer, navigation module, telephone and Voice Control Systems are interconnected. Therefore, if one of the components is not operational, or has not been removed/ replaced properly, the function of other components could be impaired.

Such conditions might seriously impair the operating safety of your vehicle.

We recommend to have any service work on electronic components carried out by an authorized Mercedes-Benz Center.

⚠ **Warning!**

In order to avoid distraction which could lead to an accident, the driver should enter system settings while the vehicle is at a standstill, and operate the system only when permitted by road, weather and traffic conditions.

Bear in mind that at a speed of just 30 mph (approximately 50 km/h), your vehicle is covering a distance of 44 feet (approximately 14 m) every second.

COMAND supplies you with information to help you select your route more easily and guide you conveniently and safely to your destination. For safety reasons, we encourage the driver to stop the vehicle in a safe place before answering or placing a call, or consulting the COMAND screen to read navigational maps, instructions, or downloaded information.

⚠ **Warning!**

While the navigation system provides directional assistance, the driver must remain focused on safe driving behavior, especially attention to traffic and street signs, and should utilize the system’s audio cues while driving.

The navigation system does not supply any information on stop signs, yield signs, traffic regulations or traffic safety rules. Their observance always remains in the driver's personal responsibility. DVD maps do not cover all areas nor all routes within an area.

Availability of functions while the vehicle is in motion

For safety reasons, certain COMAND functions are not available while the vehicle is in motion or they are only available to a limited extent. You will notice this, for example, by the fact that certain menu items cannot be selected or that the COMAND display shows a corresponding message.

Switching COMAND on or off

▶ Press the ON shortcut button in the center console (▷ page 83).
COMAND calls up the menu last selected.

ℹ When you switch off COMAND, you also switch off the currently playing audio source. During a telephone call, you cannot switch off COMAND.

COMAND components

In your vehicle, COMAND can be used to operate:

- audio functions
- the navigation system
- the telephone and communication functions (SMS)
- external audio and video sources
- video DVD
- various vehicle settings

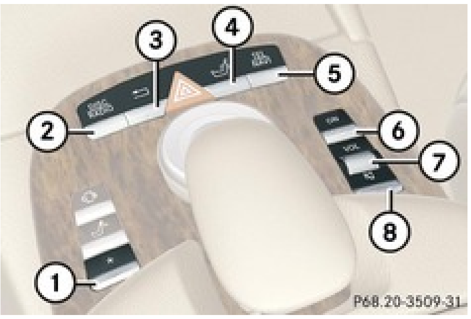
COMAND consists of the following:

- COMAND shortcut buttons
- COMAND display
- telephone keypad
- COMAND controller

COMAND shortcut buttons

ℹ During rear view camera operation (▷ page 388) it is not possible to operate the COMAND shortcut buttons.

Use the COMAND shortcut buttons to select main functions directly.



	Function
①	✱ Favorite button (▷ page 98)
②	DISC RADIO Shortcut button for: • CD/DVD/PCMCIA (▷ page 206) • radio (▷ page 189)
③	↩ Back button (▷ page 90)
④	Seat menu button (▷ page 233)
⑤	TEL NAVI Shortcut button for: • telephone (▷ page 155) • navigation (▷ page 99)
⑥	ON COMAND on/off button (▷ page 83)

COMAND introduction

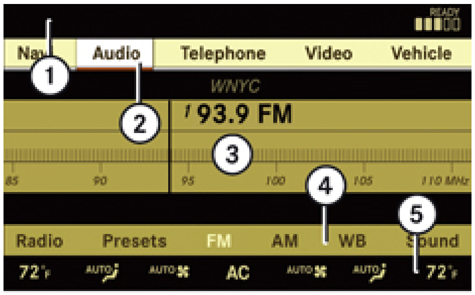
	Function
⑦	VOL Volume control (▷ page 92)
⑧	🔇 Mute button (▷ page 92)

Example:

- **Switching directly to Radio or CD menu:** Press DISC RADIO once or twice.

COMAND display

In the COMAND display, you will find the function currently selected and the corresponding menus. The COMAND display is divided into several areas.


READY
Nav
Audio
Telephone
Video
Vehicle
WNYC
93.9 FM
85
90
95
100
105
110 MHz
Radio
Presets
FM
AM
WB
Sound
72°F
AUTO
AUTO
AC
AUTO
AUTO
72°F
1
2
3
4
5

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① Status line
② Main functions
③ Main area
④ Submenus
⑤ Climate control settings

A white bar under main functions ② indicates the active area.

Once you have selected a main function ②, main area ③ is active.

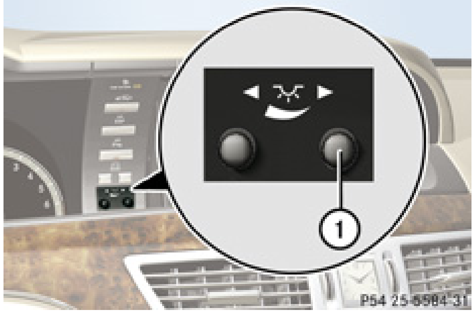
ℹ The layout of the menus may vary depending on your vehicle's equipment. This manual shows the menus for a fully equipped vehicle.

Instrument cluster multifunction display

This section describes features and controls via the COMAND controller, display and shortcut buttons only.

Please refer to the “Instrument cluster control system” section of this manual (▷ page 237) for function descriptions and operation of the instrument cluster multifunction display and multifunction steering wheel buttons as they relate to COMAND features described in this section.

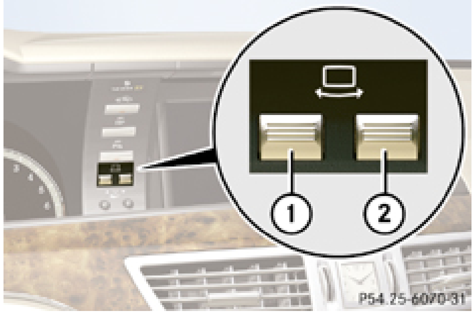
Adjusting COMAND display illumination


1
P54 25-5584-31

① Knob

- **Brightening illumination:** Turn knob ① clockwise.
- **Dimming illumination:** Turn knob ① counterclockwise.

Swiveling COMAND display



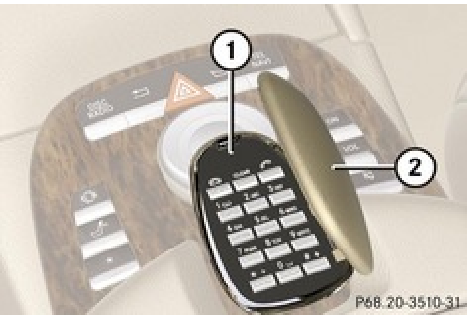
① Button for swiveling display to the left

② Button for swiveling display to the right

You can swivel the COMAND display to the left or right. The buttons are on the right-hand side of the instrument cluster.

Telephone keypad

With the help of the telephone keypad, you can use your mobile phone if it is inserted in the cradle.



① Telephone keypad

① Folding cover

With the telephone keypad you can:

- Enter and clear numbers and special characters.
- Reject, accept, connect and end calls (▷ page 155).
- Select preset radio stations and enter the frequency manually (▷ page 191).
- Select preset satellite radio stations and enter the channel number (▷ page 197).
- Select a medium from the DVD changer (▷ page 207).
- Select a track from CD, DVD-Audio or MP3 (▷ page 208).
- Select a scene/chapter from a video DVD (▷ page 217).
- Select a street in the navigation entry (▷ page 120).

COMAND controller

Use the COMAND controller to select menu functions shown on the COMAND display.

1
P68.20-3507-31

① COMAND controller

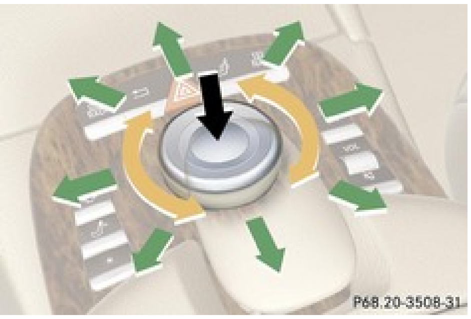
You can operate the COMAND controller as follows:

- press briefly or press and hold
- rotate to the left or right
- slide to the left, right, up, down or diagonally

COMAND introduction

In this way, you can move through the menus, select menu items or exit menus.

You can move through the menus either by rotating or sliding the controller.



Operating COMAND controller

Symbol	How to use the COMAND controller	Function
⊙	▶ Press briefly.	• Confirming the selection of a menu item or list entry. • Exiting full-screen image with Navi.
	▶ Press and hold until the selected action has been carried out.	• Saving a station. • Accepting a destination for navigation.
(◎)	▶ Rotate.	• Moving through vertical or horizontal menus. • Moving through text. • Selecting program settings.
↑◎↓	▶ Slide.	• Moving through vertical menus. • Exiting horizontal menus.
	▶ Slide and hold.	• Moving through a navigation map.

Symbol	How to use the COMAND controller	Function
←◎→	▶ Slide.	• Moving through horizontal menus. • Exiting vertical menus.
	▶ Slide and hold.	• Fast forward or reverse for audio CD or audio DVD playback. • Moving through a navigation map.
⤡◎⤢	▶ Slide and hold.	• Moving through a navigation map.

Operating COMAND

Menu overview

The table below shows the structure of the main functions and their main menus.

Each main function has a main menu. Each menu item in the main menu in turn has several submenu items.

Commands/menus
Navi • Map Display (▷ page 108) • Mode (▷ page 110)
Audio • FM/AM Radio (▷ page 188) • Sat Radio (▷ page 193) • CD (▷ page 199) • DVD-Audio (▷ page 199) • MP3 (▷ page 199) • Audio OFF (▷ page 95) • AUX (▷ page 210)

Commands/menus
Telephone • Telephone ON (▷ page 155) • Address Book (▷ page 174) • Telephone OFF (▷ page 158)

▷▷

Commands/menus

Video DVD

- Video DVD (▷ page 213)
- Submenu overview (▷ page 214)
- Switching to video DVD mode (▷ page 215)
- Pause playback (▷ page 216)
- DVD menu (▷ page 217)
- Video AUX (▷ page 211)

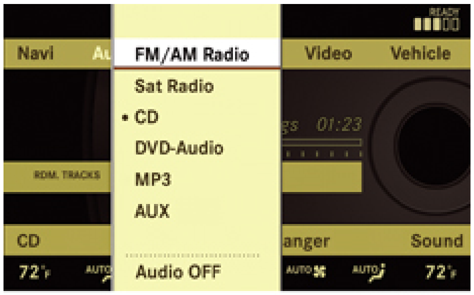
Vehicle

- Exterior Lighting Delayed Switch-off (▷ page 220)
- Locator Lighting (▷ page 221)
- Exterior Mirror Convenience Settings (▷ page 222)
- Automatic Locking (▷ page 222)
- Easy Entry/Exit Feature (▷ page 223)
- Interior Lighting Delayed Switch-off (▷ page 224)
- Interior Ambient Light (▷ page 224)

Commands/menus

- Rear Window Sunshade (▷ page 225)
- Trunk Opening-height Restriction (▷ page 226)

Calling up the main menu


READY
Navi
Au
FM/AM Radio
Sat Radio
• CD
DVD-Audio
MP3
AUX
Audio OFF
Video
Vehicle
gs 01:23
RDM. TRACKS
CD
anger
Sound
72°F
AUTO
AUTO
AUTO
72°F

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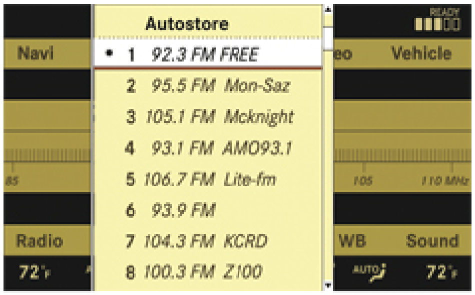
Example illustration: Audio main menu

You can call up the main menu of a main function in the following manner:

- ▶ **Moving to the main function line:** Slide ↑◎.
- ▶ **Selecting a main function:** Slide ←◎→ or rotate ⟲◎⟳.
- ▶ **Confirming selection:** Press ◎.

Vertical menus


Autostore
• 1 92.3 FM FREE
2 95.5 FM Mon-Saz
3 105.1 FM Mcknight
4 93.1 FM AMO93.1
5 106.7 FM Lite-fm
6 93.9 FM
7 104.3 FM KCRD
8 100.3 FM Z100
Navi
eo
Vehicle
READY
85
105
110 MHz
Radio
WB
Sound
72°F
AUTO
72°F

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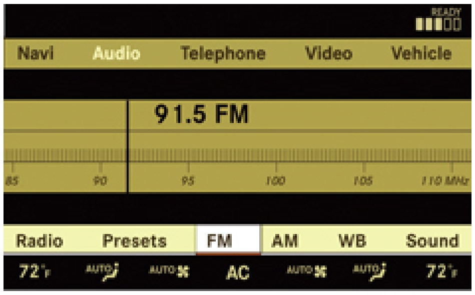
- ▶ **Moving through the menu:** Slide ↑◎↓ or rotate ⟲◎⟳.
- ▶ **Selecting a menu item:** Press ◎.
- ▶ **Exiting a menu without making a selection:** Slide ←◎→ in the opposite direction of the list orientation or press back button ↩ in the center console (▷ page 90).

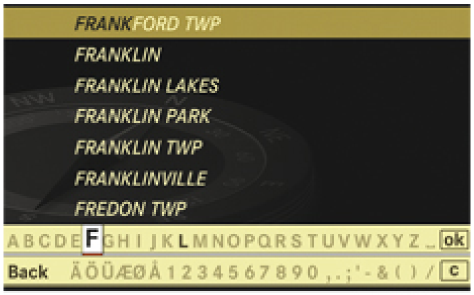
Horizontal menus


READY
Navi
Audio
Telephone
Video
Vehicle
91.5 FM
85
90
95
100
105
110 MHz
Radio
Presets
FM
AM
WB
Sound
72°F
AUTO
AUTO
AC
AUTO
AUTO
72°F

P82.86-9147-31

- **Moving through the menu:** Slide ←◎→ or rotate ⟲◎⟳.
- **Selecting a menu item:** Press ◎.
- **Exiting a menu without making a selection:** Slide ↑◎↓ in the opposite direction of the list orientation or press back button ↩.

Entering characters


FRANKFORD TWP
FRANKLIN
FRANKLIN LAKES
FRANKLIN PARK
FRANKLIN TWP
FRANKLINVILLE
FREDON TWP
A B C D E F G H I J K L M N O P Q R S T U V W X Y Z _ ok
Back Ä Ö Ü Æ Ø Å 1 2 3 4 5 6 7 8 9 0 , . : ; ' - & ( ) / C

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Example illustration: Entering a navigation destination

Selecting characters

- Slide ←◎→ or rotate ⟲◎⟳.
- **Confirming selection:** Press ◎. COMAND completes your entry as soon as it can be clearly identified. In this case, you do not need to switch to the list.

Deleting individual characters

- Select and press c repeatedly in the bottom line.

Deleting entire words or numbers

- Press and hold c in the bottom line until the word or number is deleted.

Exiting character entry

- Select and press Back in the bottom line.

or

- Press back button ↩ in the center console (▷ page 90).

Switching to the list

- Slide ↑◎.

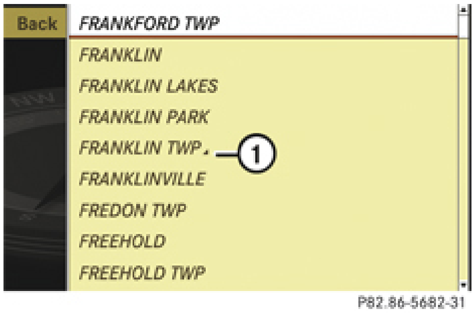
or

- Select and press ok in the second line from the bottom.
- **Exiting list:** Slide ←◎ to select Back.

Accepting first entry

- Press ◎ until you exit the character entry window.

Selecting list item

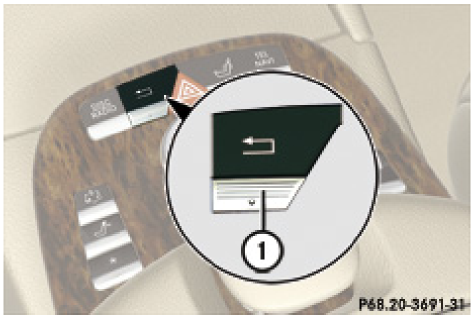


Example illustration: List of cities for navigation

① Symbol for other selection options (e. g. county)

- **Selecting a line:** Slide ↑◎↓ or rotate ⟨◎⟩.
- **Confirming selection:** Press ◎.
  Additional selection options are available for list entries featuring symbol ①. For example, cities marked with symbol ① indicate that the selected country has more than one city featuring that name. Confirming such a list entry opens up another submenu.

Back button



① ⮌ Back button

- **Switching to the next highest menu:** Press back button ⮌ briefly.
  COMAND switches to the next highest menu level within the currently active operating mode.
- **Switching to the main menu:** Press and hold back button ⮌.
  You will hear a signal, and COMAND switches to the main menu of the currently active operating mode.

Example of how to use COMAND

In the descriptions below, the main functions always serve as the starting point for locating the individual menu items.

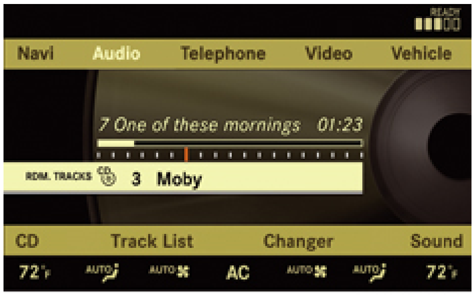
Example: Audio → Audio → FM/AM Radio → Radio → Save Station

ⓘ In the COMAND display, you will see the submenu previously called up for each main menu.

If you already see one of the submenus on the screen (e. g. the Audio → Audio → Radio submenu), it is not necessary to perform the first steps.

The individual steps for the above-mentioned example are described below.

- **Switching to the main function line:** Slide ↑◎.
- **Selecting** Audio **main function:** Slide ←◎→ or rotate ⟨◎⟩.
- **Confirming selection:** Press ◎.
  The audio operating mode last selected appears.


READY
Navi
Audio
Telephone
Video
Vehicle
7 One of these mornings 01:23
RDM. TRACKS
3 Moby
CD
Track List
Changer
Sound
72°F
AUTO
AUTO
AC
AUTO
AUTO
72°F

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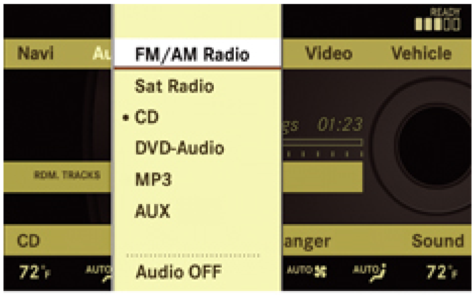
- **Selecting** Audio **in the main menu:** Slide ↑◎.
- **Confirming selection:** Press ◎.
  A selection list with the functions of the Audio main menu appears.


READY
Navi
Au
FM/AM Radio
Sat Radio
• CD
DVD-Audio
MP3
AUX
Audio OFF
Video
Vehicle
gs 01:23
RDM. TRACKS
CD
anger
Sound
72°F
AUTO
AUTO
AUTO
72°F

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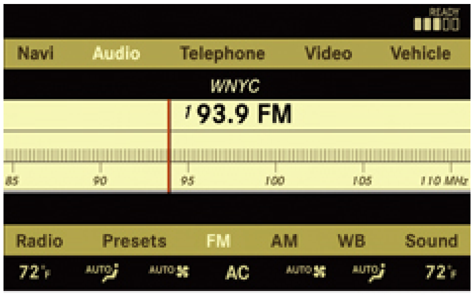
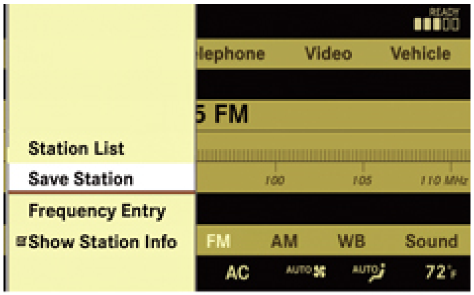
- **Selecting** FM/AM Radio**:** Slide ↑◎ or rotate ⟲◎⟳.
- **Confirming selection:** Press ◎.
  The FM/AM Radio menu appears.


READY
Navi
Audio
Telephone
Video
Vehicle
WNYC
1 93.9 FM
85
90
95
100
105
110 MHz
Radio
Presets
FM
AM
WB
Sound
72°F
AUTO
AUTO
AC
AUTO
AUTO
72°F

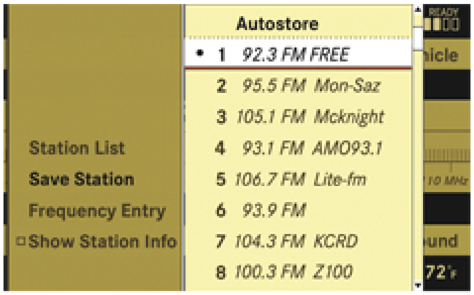
P82.86-9149-31

- **Selecting** Radio**:** Slide ◎↓ and rotate ⟲◎⟳.
- **Confirming selection:** Press ◎.
  The Radio submenu appears.


READY
lephone
Video
Vehicle
5 FM
Station List
Save Station
Frequency Entry
Show Station Info
100
105
110 MHz
FM
AM
WB
Sound
AC
AUTO
AUTO
72°F

P82.86-9150-31

- Select Save Station from selection list by rotating ⟲◎⟳ or sliding ↑◎↓.
- Press ◎.
- Select desired position.


READY
Autostore
• 1 92.3 FM FREE
2 95.5 FM Mon-Saz
3 105.1 FM Mcknight
4 93.1 FM AMO93.1
5 106.7 FM Lite-fm
6 93.9 FM
7 104.3 FM KCRD
8 100.3 FM Z100
Station List
Save Station
Frequency Entry
Show Station Info
icle
10 MHz
und
72°F

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- **Confirming selection:** Press ⊛.
  The selected station is saved at the designated position. The display switches back to the Radio display.

Main menus of COMAND

ℹ The components and operating principles of COMAND can be found on (▷ page 82).

Sound

- **Muting:** Press shortcut button 🔇 in the center console (▷ page 83).
  The sound of the current audio source is switched on or is muted.

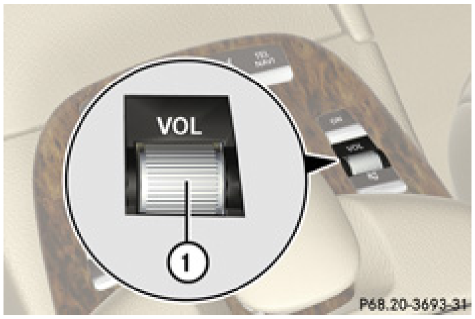
ℹ When the sound is muted, you will see the symbol 🔇 in the status line. When you change the audio source, the sound is automatically switched on. You will be able to hear announcements from the navigation system even when the sound is muted.

Switching off navigation announcements entirely

- **Canceling navigation message:** Briefly press shortcut button 🔇 during an announcement.
- **Switching off navigation messages:** Press and hold 🔇 during an announcement until the announcement is switched off.
  You will see the message `The driving instructions have been muted.` for a short while.

ℹ The announcements remain switched off even if you start a new route guidance or if COMAND is switched off/on with the ON button. If you switch COMAND off by removing the SmartKey from the starter switch and then switch the ignition back on after more than 3 minutes, the announcements are automatically switched back on.

Adjusting volume



① Thumbwheel

- **Adjusting:** Turn thumbwheel VOL.
  The volume of the currently selected audio source changes.

Volume of navigation announcements

You can adjust the volume of the navigation announcements independently from the volume of the respective audio source.

During a navigation announcement:

- Turn thumbwheel VOL.

or

- Press + or – on the multifunction steering wheel.

Adjusting volume for telephone calls

In hands-free mode, you can adjust the volume of a telephone call while the call is currently active.

During a telephone call:

- ▶ Turn thumbwheel VOL.

or

- ▶ Press + or – on the multifunction steering wheel.

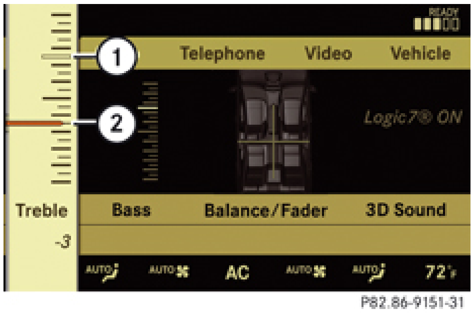
Selecting sound settings

You can select different sound settings for each individual audio source. The respective sound menu can be found via the submenu for which you wish to make settings.

Example: `Audio` → `Audio` → `FM/AM Radio` → `Sound`

Adjusting treble or bass

- ▶ Select `Sound` → `Treble` or `Bass`.
  The setting last selected is indicated by an outlined bar.


READY
Telephone
Video
Vehicle
①
②
Logic7® ON
Treble
-3
Bass
Balance/Fader
3D Sound
AUTO
AUTO
AC
AUTO
AUTO
72°F
P82.86-9151-31

Adjusting treble and bass

① Setting last selected

② Current setting

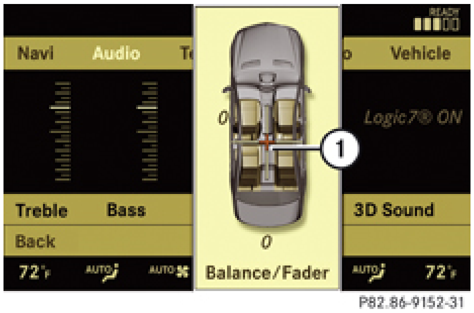
- ▶ **Changing setting:** Slide ↑◎↓ or rotate ⟲◎⟳ until desired treble or bass setting is reached.
- ▶ **Exiting menu:** Press ◎, ↩ or slide ←◎→.
  The setting is saved.

Adjusting balance or fader

Balance is used to determine whether the sound focus should be shifted toward the driver's side or the passenger's side.

Fader is used to determine whether the sound focus should be shifted toward the front or rear of the vehicle.

- ▶ Select `Sound` → `Balance/Fader`.
  The setting last selected is indicated by an outlined bar.


READY
Navi
Audio
Te
o
Vehicle
0
①
Logic7® ON
Treble
Bass
Back
0
3D Sound
72°F
AUTO
AUTO
Balance/Fader
AUTO
72°F
P82.86-9152-31

Adjusting balance and fader

① Current setting indicated by orange cross hair symbol

- ▶ **Changing setting:** Slide ↑◎↓ or ←◎→ until desired balance/fader setting is reached.
- ▶ **Exiting menu:** Press ◎ or ↩.
  The setting is saved.

Surround sound

With surround sound, you can choose between `LOGIC7® ON` and `LOGIC7® OFF`.

▷▷

Harman/kardon LOGIC7® surround sound is available for the following operating modes:

- Audio DVD (MLP, DTS, PCM, and Dolby Digital audio formats)
- Video DVD (DTS, PCM, and Dolby Digital audio formats)
- Audio CD
- MP3
- Radio (FM, AM, WB, Satellite)
- PCMCIA
- AUX

ℹ Since some DVDs contain both stereo as well as multi-channel audio formats, it may be necessary to adapt the audio format (▷ page 209).

ℹ The `LOGIC7® ON` function of the harman/kardon LOGIC7® surround sound system makes it possible to play discrete 5.1 and stereo recordings with optimal surround sound for every passenger. Music on CDs or audio DVDs with high-resolution surround formats such as MLP, DTS or Dolby Digital is played back optimally.

For an ideal sound experience on all seats, LOGIC7® distributes 5.1 surround information via the 13-channel system architecture. The result is a sound as intended by the sound engineers during the original recording.

harman/kardon LOGIC7® converts all two-channel stereo sound material into multi-channel surround sound. With the help of LOGIC7®, surround information stored during the original recording are read out and distributed through the 13 channels. No effects are created during this process; only that which was already there becomes audible.

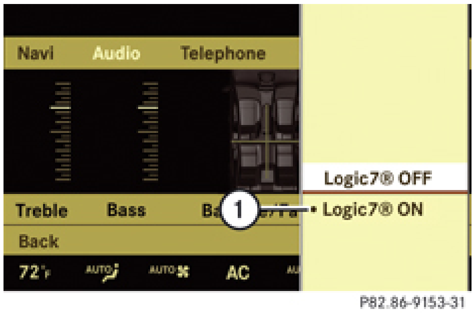
In addition, harman/kardon LOGIC7® moves the perceived sound source away from the individual loudspeakers, thus generating a natural 360° sound experience for every passenger.

ℹ By selecting `LOGIC7® OFF`, all compatible formats as they are present on the medium are played back. Due to the vehicle's spatial characteristics, an optimal sound experience is not ensured on all seats.

Adjusting surround sound

With surround sound, you can choose between `LOGIC7® ON` and `LOGIC7® OFF`.

▶ Select `Sound → 3D Sound`.



Adjusting surround sound

① Current setting

▶ **Selecting a setting:** Slide ↑◎↓ or rotate ⟲◎⟳.

▶ **Saving setting:** Press ◎.
The setting is saved and the menu is closed.

▶ **Exiting menu without saving changes:** Press ↩ or slide ←◎→.

ℹ Please note the following:

- For an ideal sound experience at all seats, the balance and fader should be adjusted to the center of the passenger compartment with LOGIC7® switched on.

- The best sound results are achieved by playing high-quality audio CDs and audio DVDs.
- For MP3 tracks, the bit rate should be at least 128 kbit/s.
- Surround sound does not function for mono-signal sources.
- In the event of poor radio reception quality, e. g. inside a tunnel, you should switch off LOGIC7®, as a dynamic switch from Stereo to Mono could occur, resulting in temporary sound distortion.
- With some stereo recordings, the resulting sound may deviate from conventional stereo playback.

Switching off/on the audio source

ℹ When you insert an audio CD or audio DVD, it automatically becomes the active audio source.

▶ **Switching off:** Select `Audio` → `Audio` → `Audio OFF`.
The audio source is switched off; `Audio OFF` appears in the display.

▶ **Switching on:** Select `Audio`, then the desired audio source.

or

▶ Load CD/DVD (▷ page 202) or a PCMCIA card (▷ page 204).

COMAND system settings

System settings menu overview

ℹ The components and operating principles of COMAND can be found on (▷ page 82).

COMAND system settings

Display (▷ page 96)	Time (▷ page 96)	Voice Control (▷ page 97)	Language (▷ page 98)	Favorite (▷ page 98)	Reset (▷ page 99)
Display settings	Time settings	Voice Control settings	Language settings	Assign favorite button	Reset COMAND to factory settings

Display settings

Switching the display on or off

- ▶ **Switching off:** Select Vehicle → Display OFF.
- ▶ **Switching back on:** Rotate ⟲◎⟳ or slide ↑◎↓.

Setting the display design

- ▶ Select Vehicle → System Settings → Display.
- ▶ Select Day Mode, Night Mode or Automatic.

ℹ In the Automatic setting, COMAND analyzes the automatic vehicle light sensor and switches between the display design automatically.

Time settings

Setting the time

ℹ The correct time must be set for the following navigation system functions to operate correctly:

- Route guidance on routes with time-dependent traffic guidance
- Calculation of estimated arrival time

- ▶ Select Vehicle → System Settings → Time → Time.
- ▶ **Selecting hour or minute(s):** Slide ←◎→.
- ▶ **Setting value:** Rotate ⟲◎⟳ or slide ↑◎↓.
- ▶ **Saving setting:** Press ◎.

ℹ The increment value for setting the minutes depends on the situation. If GPS reception is available, it is 30 minutes. If GPS reception is not available, it is one minute.

Setting the time zone and switching between Daylight Saving Time and standard time

ℹ The correct time zone and Daylight Saving Time/standard time must be set for the following navigation system functions to operate correctly:

- Route guidance on routes with time-dependent traffic guidance
- Calculation of estimated arrival time

- ▶ **Setting time zone:** Select Vehicle → System Settings → Time → Time Zone.
  The country list appears. The dot ● in front of a list entry indicates the current setting.
- ▶ Select the country in which you are currently driving.
  A time zone list may also be displayed, depending on the country selected.
- ▶ Select desired time zone.

Subsequent operation depends on:

- whether your navigation system has GPS reception
- which country you have previously set

You may either:

- manually switch between Daylight Savings Time (Summer) and Standard time (Winter) in a list

  or
- switch automatic Daylight Saving Time to standard time changeover (and vice versa) on or off

▶ **Switching manually:** Select Daylight Savings Time (Summer) or Standard time (Winter).
The dot ● in front of a list entry indicates the current setting.

▶ **Switching automatic changeover on or off:** Select Automatic Daylight Savings Time.
You have switched the function on or off. A checkmark appears when the function is switched on.

ℹ Availability of the automatic daylight saving time feature depends on the country selected.

▶ **Saving setting and exit the menu:** Slide ←◎→.

ℹ If you have switched off the automatic changeover function, you must change Daylight Saving Time to standard time and vice versa yourself.

Setting the date

▶ Select Vehicle → System Settings → Time → Date.

▶ **Selecting month, day or year:** Slide ←◎→.

▶ **Setting value:** Rotate ⟲◎⟳ or slide ↑◎↓.

▶ **Saving setting:** Press ◎.

Setting the time/date format

▶ Select Vehicle → System Settings → Time → Format.
The format list appears. The dots ● in front of the list entries indicate the current setting.

▶ **Changing format setting:** Select desired format.

▶ **Saving setting and exit the menu:** Slide ←◎→.

Voice Control settings

Switching help window on or off

▶ Select Vehicle → System Settings → Voice Control.

▶ Select Help Window.
You can switch the help window on or off. A checkmark appears when the help window is switched on.

Individualization

Using individualization, you can fine-tune Voice Control to your own voice and thus improve voice recognition. The ability of the system to recognize the commands of other users does not deteriorate as a result.

Individualization consists of two parts. You train the system to recognize digits in the first part and specific commands in the second part.

Starting new individualization

ℹ It is only possible to start individualization with the vehicle stationary. After starting the session, the system will guide you through the individualization by means of acoustic instructions.

COMAND system settings

- ▶ Select Vehicle → System Settings → Voice Control → Start new individualization.
  A prompt appears asking whether you would like further information.
- ▶ Select Yes or No.
  If you select No, the first part of individualization begins.
  If you select Yes, an information display will be shown with audio instruction.
- ▶ **Closing display:** Select OK.
  The first part of individualization begins.
  At the end of the first part, you will see a prompt asking whether you want to begin the second part.
- ▶ Select Yes or No.
  If you select No, individualization will be canceled. The data from the first part is saved automatically.
  If you select Yes, the second part begins.

Individualization is completed at the end of the second part. You will see a message to this effect. The data from the second part is saved automatically.

Canceling during the first or second part of individualization

- ▶ Select Cancel.
  A prompt appears asking whether you really do want to cancel.
- ▶ Select Yes or No.
  If you select Yes, individualization will be canceled. The data from the part at which you exited is not saved.
  If you select No, the part at which you stopped begins again.

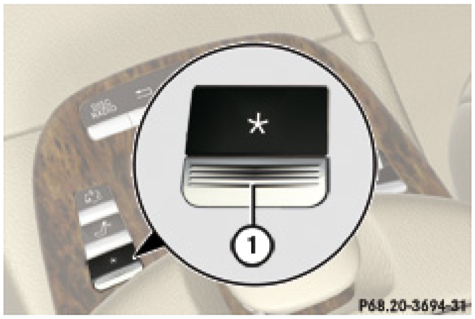
Deleting existing individualization data

- ▶ Select Vehicle → System Settings → Voice Control → Delete individualization.
  A prompt appears asking whether you really do want to delete.
- ▶ Select Yes or No.
  The individualization data will either be deleted or not, depending on your selection.

Setting the system language

- ▶ Select Vehicle → System Settings → Language.
  The language list appears. A dot ● indicates the current setting.
- ▶ **Changing setting:** Select desired language.
  The language is set.

Assigning the favorite button



① Favorite button

You can assign the following predefined functions to the favorite button *:

- Rear Window Sunshade (▷ page 421)

You can use the favorite button to extend or retract the rear window sunshade. This is the default setting.

- `Display OFF` (▷ page 96)
  You can use the favorite button to switch the COMAND display on or off.
- `Repeat Navigation Command` (▷ page 144)
  You can use the favorite button to recall the last announcement issued by the navigation system.

▶ Select `Vehicle` → `System Settings` → `Favorite`.
The list of predefined functions appears. The dot ● in front of the list entry indicates the current setting.

▶ **Changing setting:** Rotate 《◎》 and select desired function.

▶ **Saving setting and exit the menu:** Press ◉.

Reset

ⓘ You can reset COMAND back to its factory settings.
In this case, all personal data (e.g. address book entries, entries in the destination memory and the list of last destinations of the navigation system), among other things, are deleted.

▶ Select `Vehicle` → `System Settings` → `Reset`.
A prompt appears asking whether you really want to reset.

▶ Select `Yes` or `No`.
If you select `Yes` another prompt will appear asking whether you really want to reset.

▶ Select `Yes` or `No`.
If you select `Yes`, COMAND will be reset and restarted.

COMAND navigation (introduction)

Safety notes

⚠ **Warning!**

For safety reasons, only enter a destination when the vehicle is stationary. When the vehicle is in motion, a passenger should enter the destination. Study manual and select route before driving.

Bear in mind that at a speed of just 30 mph (approximately 50 km/h), your vehicle is covering a distance of 44 feet (approximately 14 m) every second.

COMAND calculates the route to the destination without taking account of the following, for example:

- Traffic lights
- Stop and right-of-way signs
- Parking or stopping prohibited areas
- Lane merging
- Other road and traffic rules and regulations
- Narrow bridges

COMAND may give incorrect navigation commands if the data in the digital map does not correspond with the actual road/

▷▷

traffic situation. DVD maps do not cover all areas nor all routes within an area. For example, if the traffic routing has been changed or the direction of a one-way road has been reversed.

For this reason, you must always observe applicable road and traffic rules and regulations during your journey. Road and traffic rules and regulations always have priority over the navigation commands generated by the system.

⚠ **Warning!**

Navigation announcements are intended to direct you while driving without diverting your attention from the road and driving.

Please always use this feature instead of consulting the map display for directions. Consulting the symbols or map display for directions may cause you to divert your attention from driving and increase your risk of an accident.

Map software

The digital maps generated by the map software become outdated in the same way as conventional road maps. Optimum route guidance can only be provided by the navigation system in conjunction with the most up-to-date map software. Information about new map software versions can be obtained from an authorized Mercedes-Benz Center.

Updating the map software

You can update the map software yourself using a DVD.

Notes about handling DVDs

- Only hold discs by the edge.
- Handle discs carefully to prevent read problems.
- Avoid getting scratches, fingerprints and dust on discs.
- Use a commercially-available cleaning cloth to clean discs. Do not wipe them with a circular motion, but only in straight lines from the center outwards.
- Place discs back in their boxes after use.
- Protect discs from heat and direct sunlight.

Updating process

The updating process has the following phases:

- Loading a DVD into the DVD changer (▷ page 101)
- Updating process (▷ page 102)

ℹ The updating process can take between 10 and 60 minutes, depending on the size of the map software. If the radio was switched on before you started the updating process, you can still adjust the volume. You can also use COMAND to operate the automatic air conditioning and to cancel the process. Other functions are not operational. If possible, carry out the update when the vehicle is stationary.

ℹ If you carry out the update with the engine switched off and the vehicle battery has insufficient power, COMAND may automatically switch off during the process in order to protect the battery. If this occurs, restart the update with the engine running period. Similarly, if the SmartKey position is unintentionally switched to **0**, restart the update.

⚠ **Warning!**

Never leave the engine running in an enclosed space. Inhalation of exhaust gas is hazardous to your health. All exhaust gas contains carbon monoxide (CO), and inhaling it can cause unconsciousness and possible death.

Loading a DVD into the DVD changer

⚠ **Warning!**

COMAND is classified as a Class 1 laser product. You must not open the casing. There is a risk of exposure to invisible laser radiation if you open the casing, or if the casing is faulty or damaged.

COMAND does not contain any parts that you are able to maintain yourself. For safety reasons, all maintenance work must be carried out by qualified technicians.

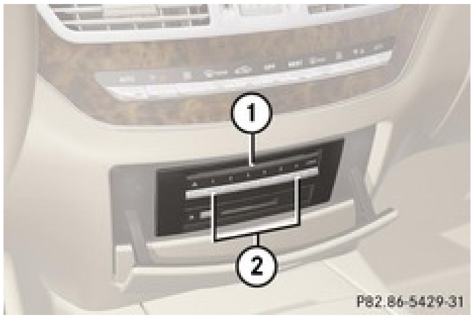
⚠ **Warning!**

Only carry out the following when the vehicle is stationary:

- Inserting a disc
- Ejecting a disc

There is a risk of accident by being distracted from road and traffic conditions if you load a CD/DVD while the vehicle is in motion.

Bear in mind that at a speed of just 30 mph (approximately 50 km/h), your vehicle is covering a distance of 44 feet (approximately 14 m) every second.



① Disc slot

② Magazine tray buttons 1 – 6

ℹ Each magazine tray button ② indicates the status of the corresponding magazine tray by means of an LED.

- LED off = magazine tray is empty
- LED constantly lit = magazine tray is loaded
- LED flashes = CD/DVD changer requesting disc to be loaded

▶ Switch on COMAND (▷ page 83).

▶ Press one of magazine tray buttons ②.
If a disc is loaded, it will be ejected.

▶ Take disc out of slot ①.

▶ Wait until LED for magazine button ② which you pressed flashes quickly.

▶ Slide DVD into slot ① with printed side facing upwards.
COMAND loads the DVD.

Updating

After you have loaded the DVD, you will see a message to the effect that the disc does not contain a recognizable audio format.

▶ **Confirming message:** Press ⊛.
COMAND checks whether the map software on the DVD is compatible with the vehicle's navigation system and whether it is compatible with the current system software.

Map software is compatible with the navigation system and the current system software

COMAND now checks whether the map data on the DVD is already installed.

Map data is not yet installed

You will see a comparison of the version statuses in the display and a prompt will appear asking whether you want to continue with the update.

▶ Select Yes or No.
If you select No, COMAND automatically ejects the DVD and the map data is not updated.
Take DVD out of the slot.
If you select Yes, the map data is updated.

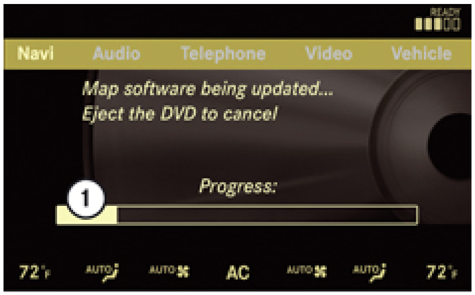
Map data is already installed

You will see a message that the map data is already installed and a prompt will appear asking you whether you want to continue with the update.

▶ Select Yes or No.
If you select No, COMAND automatically ejects the DVD and the map data is not updated.
Take DVD out of slot.
If you select Yes, the existing map data is saved again.

Updating the map data

While the update is running, you will see a message to this effect and a progress bar. The progress bars fills up from left to right during the update.



Map software being updated...
Eject the DVD to cancel

① Progress bar

You can either cancel the update or allow it to run to the end without canceling.

▶ **Canceling an update on the DVD changer:** Press corresponding magazine tray button ② (▷ page 101).

The DVD will be ejected in both cases.

▶ Take DVD out of slot.

ℹ If the update is canceled, the navigation system remains fully operational with the previous map data. You can restart the update at a later date. It will then continue from the point where it was canceled.

- ▶ **To allow the update to run to the end without canceling:** Take no further action.
  If the update is successfully completed, you will see a message to this effect.
- ▶ **Confirming message:** Press ⊛.
  COMAND ejects the DVD.
- ▶ Take DVD out of slot.
  The update is complete.

If the update is not successfully completed, you will see a message that the map update is not possible.

- ▶ **Confirming message:** Press ⊛.
  COMAND ejects the DVD.
- ▶ Take DVD out of slot.

ℹ The navigation system remains fully operational with the previous map data.

The update may not be successfully completed for the following reasons:

- DVD dirty or scratched
  - ▶ Clean DVD.
    See the “Notes about handling DVDs” section (▷ page 100).
  - ▶ Restart update.
- Overheating due to excessive temperatures in the vehicle interior
  - ▶ Wait until vehicle interior has cooled down.
  - ▶ Restart update.
- The storage medium (hard disk) integrated in COMAND is defective.
  - ▶ Contact an authorized Mercedes-Benz Center.

Map software is not compatible with the navigation system

You will see a message that the update is not possible.

- ▶ **Confirming message:** Press ⊛.
  COMAND ejects the DVD.
- ▶ Take DVD out of slot.
- ▶ Load a DVD which is compatible with the vehicle’s navigation system.

Map software is not compatible with the current system software

You will see a message that the system software and the map software are not compatible.

- ▶ **Confirming message:** Press ⊛.
  COMAND ejects the DVD.
- ▶ Take DVD out of slot.
- ▶ Have the system software updated at an authorized Mercedes-Benz Center.

ℹ The map software cannot be updated until the system software has been updated.

General notes

Operational readiness of the navigation system following a system software update by an authorized Mercedes-Benz Center

After a system software update by an authorized Mercedes-Benz Center, the installed map software may no longer be compatible. If this is the case, the navigation system will not be operational.

You will know if this is the case, when the following message will appear when you switch to navigation mode: `The system software has been updated. The map software must be updated now. Please insert the DVD with the map software.`

- ▶ **Updating map software:** Proceed as described in the “Updating the map software” section (▷ page 100). Use map

▷▷

software which is compatible with the system software.

ℹ Please note that the update must be allowed to run to the end in this case. If you interrupt it, the navigation system will continue to be non-operational.

Initial use or use following a system software update

In both these cases, the navigation system must determine the position of the vehicle. You may have to drive for a while before precise route guidance is possible.

GPS reception

Correct functioning of the navigation system depends on GPS reception, among other things. In certain situations, GPS reception may be impaired, there may be interference or there may be no reception at all, e. g. in tunnels, in multistory parking garage or due to snow on the GPS antenna. If there is snow on the GPS antenna, you should remove it. The GPS antenna is at the back of the vehicle roof.

The roof cargo container may also impair mobile phone reception and GPS coverage.

Route guidance after vehicle transportation

COMAND has to redetermine the position of the vehicle if the vehicle has been transported (e. g. by ferry, by train or after towing).

Positioning takes place automatically even when COMAND is switched off. The duration varies from one case to another.

Route guidance may be restricted as follows during vehicle positioning:

- Navigation announcements, route guidance displays and displayed street names are not consistent with the actual location of the vehicle.
- COMAND does not generate navigation announcements.
- Instead of the route guidance displays, you see the `Off Road` display and a direction arrow. The direction arrow shows the compass heading to the destination.

When positioning is complete, route guidance is once again possible using navigation announcements and route guidance displays.

Interrupting the journey during route guidance

The following applies if you interrupt the journey during route guidance and continue the journey later:

- COMAND resumes route guidance automatically if you continue the journey within 2 hours.
- Route guidance is canceled if you continue the journey after more than 2 hours. It will be necessary to resume the canceled route guidance manually (▷ page 145).

ℹ The journey is interrupted if you park the vehicle and switch off COMAND. The journey is continued when you switch COMAND back on and start driving on.

Hard disk errors

COMAND has an integrated hard disk on which the map software is saved.

If an area of the hard disk has an error, COMAND can no longer access the map data in this area, for example, when calculating a route.

The message `Navigation Unavailable. Please refer to the operating instructions.` appears.

- **Deleting message:** Switch COMAND off and back on.

ℹ If you switch the navigation system off/on, it will be operational again until it has to access the faulty area of the hard disk again. The message will then appear again. Consult an authorized Mercedes-Benz Center.

Units of measurement

The units of measurement in navigation mode are identical to those set in the instrument cluster (▷ page 253).

Input restrictions

The input restrictions are imposed starting at a particular vehicle speed. The restrictions are canceled as soon as the speed drops below a certain value.

When the restriction is active, certain operations or entries are not possible.

You will notice this by the fact that some menu items cannot be selected or certain operations will not be possible.

Navigation system menu overview

ℹ The components and operating principles of COMAND can be found on (▷ page 82).

Info (only with route guidance active)	**Traffic (TMC)**	**Route (only with route guidance active)**	**Position**	**RPT (only with route guidance active)**	**Destination**
Information about the active route guidance	Calling up real-time traffic messages	• Calling up route info • Calling up route browser • Calling up the detour function	• Calling up the save position memory function • Centering the map on the vehicle's position • Centering the map on the destination position	Repeating the current navigation announcement	Selecting: • a destination • stopover • save destination • cancel route guidance

Calling up the map display and switching to navigation mode

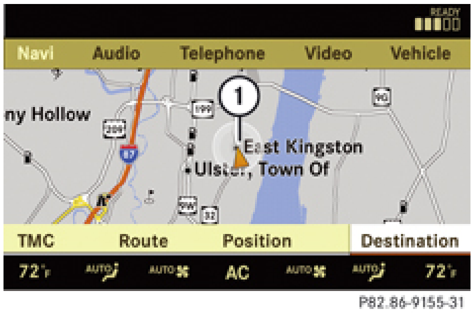
▶ In the main function line, select `Navi`.

or

▶ Press the TEL NAVI shortcut button once or twice.

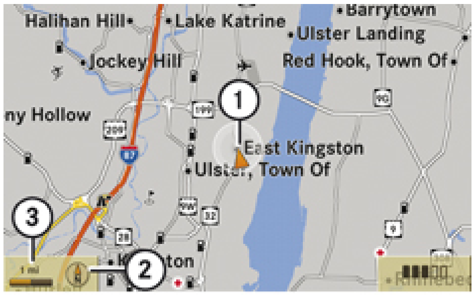
ℹ The number of times you have to press the TEL NAVI shortcut button depends on the operating mode currently selected.

Both of these will call up the map display. You will see the map with the menu system either shown or hidden.


READY
Navi
Audio
Telephone
Video
Vehicle
ny Hollow
1
East Kingston
Ulster, Town Of
TMC
Route
Position
Destination
72°F
AUTO
AUTO
AC
AUTO
AUTO
72°F
P82.86-9155-31

Example illustration: Map with route guidance inactive and with the menu system shown

① Current vehicle position



P82.86-7352-31

Example illustration: Map with route guidance inactive and with the menu system hidden (full screen mode)

① Current vehicle position
② Set map orientation (▷ page 109)
③ Map scale selected (▷ page 107)

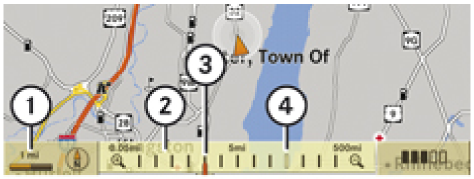
Hiding or showing the menu system

- **Hiding:** Slide ↑◎.
  The Full Screen menu item appears in the main area of the display; it is automatically selected.
- Press ◎.
  The menu system is hidden. The map can be seen in the full screen.
- **Showing:** Press ◎ in the full-screen map display.

Adjusting the map scale

ℹ It is only possible to adjust the map scale with the menu system hidden (full-screen map display).

- Rotate ⟲◎⟳ until the desired map scale is set.



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① Currently set map scale as number
② Scale
③ Currently set map scale as a needle on the scale
④ Previously set value before calling up the scale

As soon as you rotate ⟲◎⟳, scale ② appears. Rotating clockwise zooms in, rotating counterclockwise zooms out.

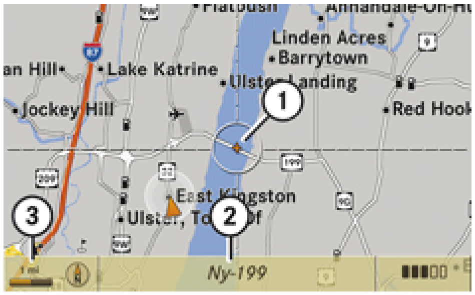
Saving current vehicle position as destination in last destinations list

- **Showing menu system, if necessary:** Press ◎.
- **Saving:** Select Position → Save Position.
  COMAND saves the current vehicle position as a destination in the last destinations (▷ page 155).

Moving the map

ℹ It is only possible to move the map with the menu system hidden.

- Slide ↑◎↓, ←◎→ or ↗◎↙.
  A cross hair appears on the map.



P82.86-7336-31

① Cross hair
② Details of the cross hair position
③ Map scale

ℹ Display ② may be the name of a road, for example, provided the digital map contains the necessary data.

If no data is available, display ② shows:

- the coordinates of the cross hair if the geocoordinate display is switched on (▷ page 110) and the GPS signal is strong enough
- no display if the geocoordinate display is switched off (▷ page 110)

Adjusting the map scale

▶ Rotate ⟲◎⟳.
Rotating clockwise zooms in, rotating counterclockwise zooms out.

Saving cross hair position as destination in last destinations list

▶ **Showing menu system, if necessary:** Press ⊛.

▶ **Saving:** Select `Position` → `Save Position`.
COMAND saves the cross hair position as a destination in the last destinations list (▷ page 155).

Hiding the cross hair

▶ Press back button ↩ in the center console (▷ page 90).
The cross hair disappears and the map is centered on the vehicle position.

or

▶ Set the map to the vehicle or destination position, see the explanation below.

Centering the map on the vehicle or destination position

ℹ If you have moved the map, you can use this function to rapidly return the map to the position of the vehicle or destination. It is only possible to center the map on the destination position when route guidance is active.

▶ **Centering on the vehicle's position:** Select `Navi` → `Position` → `Vehicle Position Map`.

or

▶ Press back button ↩ when the cross hair is displayed.

▶ **Centering on the destination:** Select `Navi` → `Position` → `Destination Position Map`.

Basic settings

ℹ You can make the following settings regardless of whether route guidance is active or inactive.

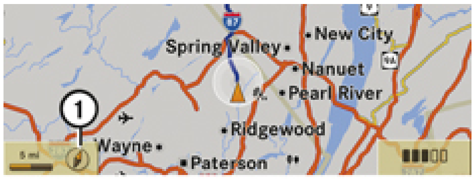
Map perspective

COMAND can display the map from a bird's eye view or in the normal map view.

- **Select map perspective:** Select `Navi` → `Navi` → `Map Display`.
  The map display list appears. A dot ● indicates the current setting.
- Select `Bird's-eye view`.
  The bird's eye view is switched on or off, depending on the previous status.

ℹ If you scroll the map in the bird's eye view, COMAND switches back to the normal map view.

Map orientation



P82.86-7345-31

① Current map orientation

The following may be displayed:

- = `Heading Up` (the map is displayed so that the direction of travel is always up; the orange point of the icon points north)
- = `North Up` (the map view is displayed so that north is always up)

- **Setting map orientation:** Select `Navi` → `Navi` → `Map Display`.
  The map display list appears. A dot ● indicates the current setting.
- Select `North Up` or `Heading Up`.
- **Exiting menu:** Slide ←◎→.
  The map orientation changes accordingly.

Setting POI symbols

You can set which points of interest (POIs) should be displayed as symbols in the map. POIs are garages, hotels, movie theaters or restaurants, for example.

ℹ Depending on the map scale on the map, POI symbols may not be visible on the map although their display is activated. In addition, POI symbols may be covered by the map's labels.

The following settings are possible:

- `Standard symbols` (symbol determined by the factory settings)
- `Personal symbols` (you can determine the symbols yourself)
- `No symbols`

- **Adjusting:** Select `Navi` → `Navi` → `Map Display`.
  The map display list appears. A dot ● indicates the current setting.
- Select `Standard symbols`, `Personal symbols` or `No symbols`.
  If you select `Personal symbols`, the list of POIs appears.
- **Switching POI symbol display on or off:** Select the desired POI.
  The corresponding symbol displays are switched on or off, depending on the previous status. A checkmark indicates which status is active. You can switch on the symbol displays for more than one POI.

ℹ The list shows all symbols that are contained in the digital map across all states (USA) and/or provinces (Canada). Not all POIs in all states (USA) or in all provinces (Canada) are available, however. Certain POI symbols may not be displayed on the map, even if the symbol display is switched on.

- **Exiting menu:** Slide ←◎→ or press back button ↤ in the center console (▷ page 90).

COMAND navigation (introduction)

Arrival time and distance

You can set whether the estimated arrival time and the distance to the destination should be displayed in the map.

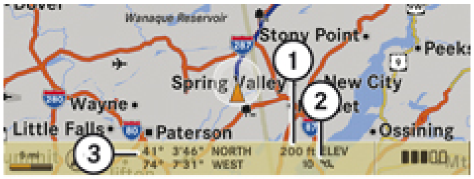
- ▶ **Displaying:** Select `Navi` → `Navi` → `Map Display`.
  The map display list appears. A dot • indicates the current setting.
- ▶ Select `Arrival Time/Distance`.
  Depending on the previous status the display showing the arrival time and distance is switched on or off.

Current street

You can set whether the current street you are driving on should be displayed in the map.

- ▶ **Displaying:** Select `Navi` → `Navi` → `Map Display`.
  The map display list appears. A dot • indicates the current setting.
- ▶ Select `Current Street`.
  Depending on the previous status the display showing the current street is switched on or off.

Geocoordinate display



Example illustration: Map with geocoordinate display switched on

① Current height above sea level
② Number of GPS satellites from which signals for positioning can be received
③ Coordinate display

ℹ There must be sufficient GPS reception for displays ①, ② and ③ to be shown. Height display ① is an approximation because the navigation system uses the GPS signals for the calculation.

Display options with geocoordinate display switched on

If the cross hair is displayed on the map view (map was moved manually), only display ③ is visible.
It shows either the coordinates of the cross hair or other data on the cross hair position, e. g. a street name. The digital map must contain relevant data in order for this other data to be displayed.

ℹ If there is no cross hair on the map view, displays ①, ② and ③ are visible. Display ③ shows the coordinates of the current vehicle position.

Switching the geocoordinate display on or off

- ▶ Select `Navi` → `Navi` → `Map Display`.
  The map display list appears.
- ▶ Select `Coordinates`.
  The geocoordinate display is switched on or off, depending on the previous status. A checkmark indicates which status is active.
- ▶ **Exiting menu:** Slide ←◎→ or press back button ⮌ in the center console (▷ page 90).

Setting route type

You can set the following route types:

- `Fast Route`: COMAND calculates a route with the shortest possible (minimized) driving time.
- `Short Route`: COMAND calculates a route with the shortest possible (minimized)

distance taking distance and driving time into account.

- ▶ Select `Navi` → `Navi` → `Mode`.
The mode list appears. A square ■ indicates the current setting.
- ▶ **Select route type:** `Fast Route` or `Short Route`.
- ▶ **Exit menu:** Slide ←◎→ or press back button ↩ in the center console (▷ page 90).

ℹ If you change the route type setting during active route guidance, COMAND calculates a new route. If you change the setting when route guidance is inactive, COMAND uses the new setting for the next route guidance.

Setting route mode

ℹ This function allows you to set the following options for route guidance:

- `Minimize Highways`
- `Minimize Toll Roads`
- `Minimize Tunnels`
- `Minimize Ferries/Motorail`

- ▶ Select `Navi` → `Navi` → `Mode`.
The mode list appears.
- ▶ **Switching mode on or off:** Select desired modes.
Depending on the previous status, the mode is switched on or off. A checkmark indicates that the mode is switched on. It is possible to switch on more than one mode.
- ▶ **Exiting menu:** Slide ←◎→ or press back button ↩ in the center console (▷ page 90).
COMAND will verify whether it can incorporate the modes if you select them with route guidance active.

  If it can, COMAND calculates a new route while incorporating the modes selected.

  If it cannot, you will see and hear a corresponding message.
- ▶ Select `OK`.
COMAND calculates a new route. Only those modes which can be incorporated are used.

COMAND navigation system (entering a destination)

Introduction

⚠ **Warning!**

For safety reasons, only enter a new destination when the vehicle is stationary.

ℹ It is possible to enter a destination regardless of whether route guidance is active or inactive.

The following destination entry options are available:

- Entering a destination by address
- Entering a destination from the destination memory
- Entering a destination from the list of last destinations
- Entering a destination from the map
- Entering a stopover
- Entering a POI

Entering a destination by the address

Introduction

ℹ It is not possible to enter an address when the vehicle has exceeded a certain speed. As soon as the vehicle speed drops below a certain value, the function is available again.

ℹ If Russian or Chinese is set as the system language, the address must be entered using Latin letters. Setting the system language (▷ page 98).

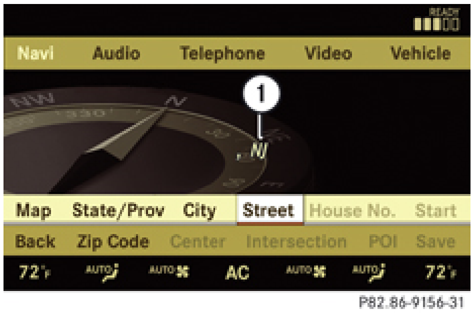
To enter an address you may proceed as follows:

- Enter state (USA) or province (Canada), street and city
- Enter state (USA) or province (Canada), city and street
- Enter state (USA) or province (Canada), city and center
- Enter state (USA) or province (Canada), zip code and center
- Enter state (USA) or province (Canada), zip code and street

ℹ As additional information to the street entry, you can enter either a house number or an intersection.
A zip code entry replaces the city entry.

Calling up the address input menu

▶ Select Navi → Destination → Address Entry.
The address input menu appears. It shows a state (USA) or a province (Canada). Which state or province is shown depends on the vehicle's location.



① State (USA) or province (Canada)

Menu items in the address input menu

Some menu items will not or not yet be available, depending on the sequence in which you enter the address and the data version.

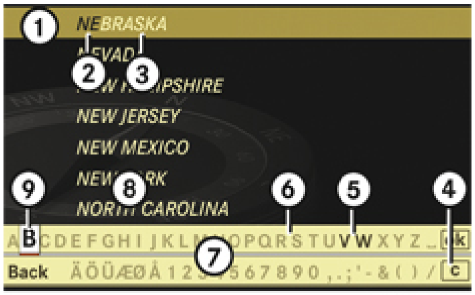
Example: If you have not made any entries, menu items House No., Center, Intersection, POI, Start and Save will not yet be available. And the Zip Code menu item will not be available if the digital map does not contain any zip codes.

Entering a state (USA)

ℹ You can only enter those states which are saved on the digital map.

▶ In the address input menu, select State/Prov → States (U.S.).
A list of states appears with input characters; the input characters are automatically activated.

List of states with input characters


1
NEBRASKA
NEVADA
2
3
NEW HAMPSHIRE
NEW JERSEY
NEW MEXICO
NEW YORK
8
9
NORTH CAROLINA
6
5
4
A B C D E F G H I J K L M N O P Q R S T U V W X Y Z _ ok
7
Back ÄÖÜÆØÅ 1 2 3 4 5 6 7 8 9 0 , . ; ' - & ( ) / c

P82.86-6115-31

① Top list entry based on the input data up to that point
② Characters entered by the user
③ Characters automatically added by the system
④ Clear last character entry
⑤ Currently selectable characters
⑥ Currently non-selectable characters
⑦ Input characters
⑧ List of states
⑨ Currently selected characters

ℹ In the list of input characters ⑦, you can only select currently selectable characters. Which characters are included depends on the sequence in which you have entered your destination and the data version of the digital map.

While the numbers are being selected as described below, the top list entry ① always shows the state which best corresponds to the input data as it has been entered up to that point.

At the same time, COMAND automatically supplements characters ② entered by the user with other likely input characters ③.

- **Selecting characters:** Slide ←◎→ or rotate ⟲◎⟳.
- **Confirming character selection:** Press ◎.
- **Deleting individual characters:** Select c in the bottom line and press ◎.
- **Deleting an entire entry:** Select c in the bottom line and press ◎ until the entire entry is deleted.
- **Canceling an entry:** Select Back in the bottom line and press ◎.

or

- Press back button ↩ in the center console (▷ page 90).

As soon as COMAND can clearly attribute the characters entered to a state, the input characters ⑦ disappear automatically. You see the list of states without the input characters. Here you can confirm the current entry or make another selection.

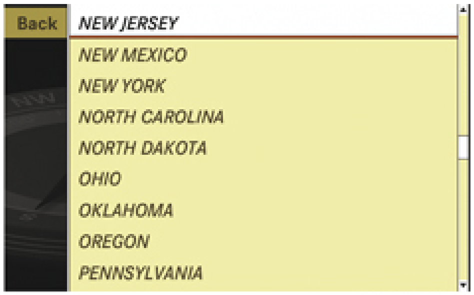
During character entry, you can also manually switch to the list of states without input characters at any time.

- **Switching manually to list of states without input characters:** Slide ↑◎.

or

- Select ok in the second line from the bottom and press ◎.

List of states without input characters


Back
NEW JERSEY
NEW MEXICO
NEW YORK
NORTH CAROLINA
NORTH DAKOTA
OHIO
OKLAHOMA
OREGON
PENNSYLVANIA

P82.86-6116-31

- **Selecting a state:** Slide ↑◎↓ or rotate ⟲◎⟳.
- **Canceling selection:** Select `Back` by sliding ←◎ and press ◎.

or

- Press back button ⮌ in the center console (▷ page 90).
- **Confirming selection:** Press ◎.
  The address input menu appears again. It shows the abbreviation for the selected state.

The following menu items are now available:

- `Map`: Entering a destination from the map (▷ page 130)
- `State/Prov`: Reenter state (USA) or province (Canada)
- `City`: Entering a city (▷ page 116)
- `Street`: Entering a street (▷ page 119)
- `Zip Code`: Entering the zip code (▷ page 115)

ℹ It is not possible to enter zip codes if the digital map does not contain any zip codes for the selected state.

- **Continuing destination entry:** Select one of the menu items mentioned above.

Entering a province (Canada)

- In the address input menu, select `State/Prov` → `Provinces (Canada)`.
  A list of provinces appears.
- Select desired province.
  The address input menu appears again. It shows the abbreviation for the selected province.

The following menu items are now available:

- `Map`: Entering a destination from the map (▷ page 130)
- `State/Prov`: Reenter state (USA) or province (Canada)
- `City`: Entering a city (▷ page 116)
- `Street`: Entering a street (▷ page 119)
- `Zip Code`: Entering the zip code (▷ page 115)

ℹ It is not possible to enter a zip code if the digital map does not contain any zip codes for the selected province (Canada).

- **Continuing destination entry:** Select one of the menu items mentioned above.

Quick access to most recently entered states (USA) or provinces (CDN)

- In the address input menu, select `State/Prov` → `Last States/Provinces`.
  The list of most recently entered states (USA) or provinces (Canada) appears. The last entry is at the top of the list.
- Select desired state (USA) or desired province (Canada).
  The address input menu appears again. It shows the abbreviation for the selected state (USA) or province (Canada).

The following menu items are now available:

- `Map`: Entering a destination from the map (▷ page 130)
- `State/Prov`: Reenter state (USA) or province (Canada)
- `City`: Entering a city (▷ page 116)
- `Street`: Entering a street (▷ page 119)
- `Zip Code`: Entering the zip code (▷ page 115)

ℹ It is not possible to enter a zip code if the digital map does not contain any zip codes for the selected state (USA) or province (Canada).

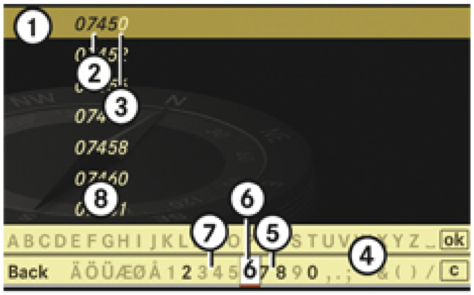
- **Continuing destination entry:** Select one of the menu items mentioned above.

Entering the zip code

ℹ It is not possible to enter a zip code if you have already entered other address data aside from the state (USA) or province (Canada).
You can only enter those zip codes which are saved on the digital map.
The available zip codes depend on the state (USA) or province (Canada) most recently entered.

- In the address input menu, select `Zip Code`. A list of zip codes appears with input characters; the input characters ④ are automatically activated.

List of zip codes with input characters


①
07450
②
③
07458
07460
⑧
⑥
⑦
⑤
④
ABCDEFGHIJKL O STUV YZ _ ok
Back ÄÖÜÆØÅ 1 2 3 4 5 6 7 8 9 0 , . ; & ( ) / C

P82.86-5322-31

① Top list entry based on the input data up to that point
② Numbers entered by the user
③ Numbers automatically added by the system
④ Input characters
⑤ Currently selectable numbers
⑥ Currently selected numbers
⑦ Currently non-selectable numbers
⑧ List of zip codes

ℹ In the list of input characters ④, you can only select numbers which can be currently entered. Which characters are included depends on the sequence in which you have entered your destination and the data version of the digital map.

While the numbers are being selected as described below, the top list entry ① always shows the zip code which best corresponds to the input data as it has been entered up to that point.
At the same time, COMAND automatically supplements numbers ② entered by the user with other likely numbers ③.

- **Selecting numbers:** Slide ←◎→ or rotate ⟲◎⟳.

or

- Enter numbers with the telephone keypad using the 0 - 9 WXYZ buttons (▷ page 85).
- **Confirming number selection:** Press ⊛.
- **Deleting individual numbers:** Select c in the bottom line and press ⊛.
- **Deleting an entire entry:** Select c in the bottom line and press ⊛ until the entire entry is deleted.
- **Canceling an entry:** Select `Back` in the bottom line and press ⊛.

or

- Press back button ↩ in the center console (▷ page 90).

As soon as COMAND can clearly attribute the numbers entered to a zip code, input

▷▷

characters ④ disappear. You see the list of zip codes without the input characters. Here you can confirm the current entry or make another selection.

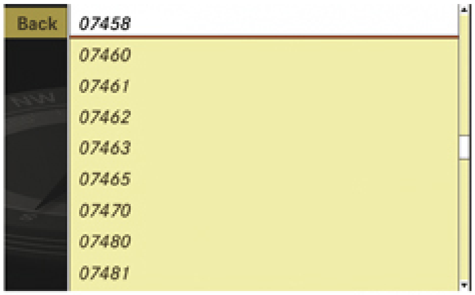
During character entry, you can also manually switch to the list of zip codes without input characters at any time.

- ▶ **Switching manually to list of zip codes without input characters:** Slide ↑◎.

or

- ▶ Select ok in the second line from the bottom and press ⊛.

List of zip codes without input characters



P82.86-5323-31

- ▶ **Selecting a zip code:** Slide ↑◎↓ or rotate ⟲◎⟳.
- ▶ **Canceling selection:** Select Back and press ⊛.

or

- ▶ Press back button ↩ in the center console (▷ page 90).
- ▶ **Confirming selection:** Press ⊛.
  You will see the address input menu again.

It shows one of the following items of information:

- Street and if necessary, house number, city, state (USA) or province (Canada)
- City, state (USA) or province (Canada) and zip code
- State (USA) or province (Canada) and zip code

ⓘ The street and, if necessary, the house number, will then appear as soon as COMAND can attribute the zip code to an appropriate address.

Which of the following menu items are now available depends on the situation, or may depend on the data version of the digital map. The menu items which are not available cannot be selected.

- Map: Using the map to enter a destination (▷ page 130)

ⓘ In this case, using the map for destination entry is based on the city seen in the address input menu.

- Street: Entering a street (▷ page 119)
- Center: Entering a center (▷ page 121)
- POI: Entering a point of interest (▷ page 132)

ⓘ In this case, entering a POI is based on the city seen in the address input menu.

- Save: Saving a destination in the destination memory (▷ page 149)
- Start: Starting the route calculation (▷ page 127)
- ▶ **Continuing or completing destination entry:** Select one of the menu items mentioned above.

Entering a city

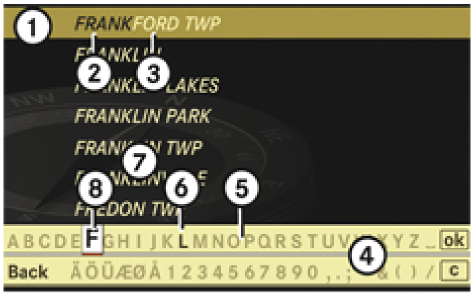
ⓘ You can only enter those cities which are saved on the digital map.
It is not possible to enter a city when you have already entered a street which COMAND can clearly attribute to a city.

If COMAND cannot clearly attribute a previously entered street to a city, only those cities are available which have a street of that name.
If you have not yet entered a street before entering the city, or cities within the state (USA) or province (Canada) previously entered are available.

- ▶ In the address input menu, select `City`.
  The list of cities appears either with or without the input characters (▷ page 118).
  Whether or not the input characters appear depends on how many cities are available for the desired state (USA) or province (Canada).

List of cities with input characters

When this list appears, the input characters ④ are automatically activated.


①
FRANKFORD TWP
FRANKLIN
②
③
LAKES
FRANKLIN PARK
FRAN N TWP
⑦
⑧
⑥
⑤
FREDON TW
ABCDE F GHIJK L MNOPQRSTUV XYZ _ ok
Back ÄÖÜÆØÅ1234567890,.; &()/ C
④

P82.86-6117-31

① Top list entry based on the input data up to that point
② Characters entered by the user
③ Characters automatically added by the system
④ Input characters
⑤ Currently non-selectable characters
⑥ Currently selectable character
⑦ List of cities
⑧ Currently selected character

ℹ In the list of input characters ④, you can only select currently selectable characters. Which characters are included depends on the sequence in which you have entered your destination and the data version of the digital map.

The top list entry ① at first shows either the city in which the vehicle is currently located or the city which best corresponds to the input data as it has been entered up to that point.

ℹ The current city is shown if:

- you have accepted the current state (USA) or province (Canada) when entering the state (USA) or province (Canada)
- and if you select city entry immediately afterward

As soon as you enter a character from input characters ④, the top list entry ① shows the city that best corresponds to the input data as it has been entered up to that point. At the same time, COMAND automatically supplements characters ② entered by the user with appropriate characters ③.

- ▶ **Selecting characters:** Slide ←◎→ or rotate ⟲◎⟳.
- ▶ **Confirming character selection:** Press ◎.

▷▷

COMAND navigation system (entering a destination)

- **Deleting individual characters:** Select c in the bottom line and press ⊛.
- **Deleting an entire entry:** Select c in the bottom line and press ⊛ until the entire entry is deleted.
- **Canceling an entry:** Select Back in the bottom line and press ⊛.

or

- Press back button ⮌ in the center console (▷ page 90).

As soon as COMAND can clearly attribute the characters entered to a city, the input characters ④ disappear automatically. You see the list of cities without the input characters. Here you can confirm the current entry or make another selection.

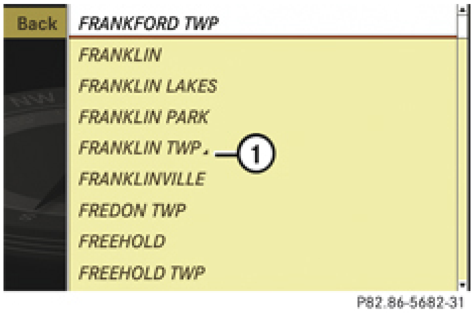
During character entry, you can also manually switch to the list of cities without input characters at any time.

- **Switching manually to the list of cities without input characters:** Slide ↑◎.

or

- Select ok in the second line from the bottom and press ⊛.

List of cities without input characters



FRANKFORD TWP
FRANKLIN
FRANKLIN LAKES
FRANKLIN PARK
FRANKLIN TWP
FRANKLINVILLE
FREDON TWP
FREEHOLD
FREEHOLD TWP

① Symbol for more selection options

- **Selecting a city:** Slide ↑◎↓ or rotate ⟲◎⟳.
- **Canceling selection:** Select Back and press ⊛.

or

- Press back button ⮌ in the center console (▷ page 90).
- **Confirming selection:** Press ⊛.

  Cities with symbol ① mean that there is more than one in the selected state (USA) or province (Canada). Confirming one of these cities will take you to a further sub-selection.

  If there are no other selection options, the address input menu appears again.

It shows one of the following items of information:

- City and state (USA) or province (Canada)
- Street, city and state (USA) or province (Canada)

ℹ The street is visible if you have entered it before entering the city.

Which of the following menu items are now available depends on the situation, or may depend on the data version of the digital map. The menu items which are not available cannot be selected.

- Map: Using the map to enter a destination (▷ page 130)

ℹ In this case, using the map for destination entry is based on the city seen in the address input menu.

- Street: Entering the street (▷ page 119)
- House No.: Entering the house number (▷ page 123)
- Center: Entering the center (▷ page 121)
- Intersection: Entering the intersection (▷ page 125)
- POI: Entering a point of interest (▷ page 132)

ℹ In this case, entering a POI is based on the city seen in the address input menu.

- `Save`: Saving a destination in the destination memory (▷ page 149)
- `Start`: Starting the route calculation (▷ page 127)

▶ **Continuing or completing destination entry:** Select one of the menu items mentioned above.

Entering a street

ℹ It is not possible to enter a street if:

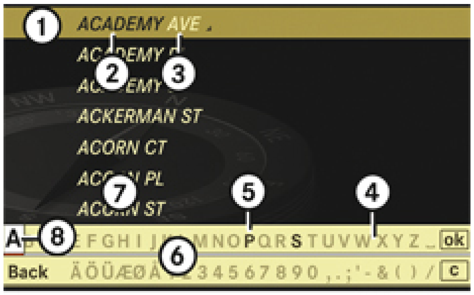
- you have already entered a center
- you have already entered a zip code that COMAND can clearly attribute to a street

ℹ You can only enter those streets which are saved on the digital map.
If you have not entered a city before entering the street, only those streets within the state (USA) or province (Canada) previously entered are available. If you have already entered a city, streets within that city are available.
If you have entered a zip code before entering the street, only those streets within the zip code area are available.

▶ In the address input menu, select `Street`. The list of streets appears either with or without the input characters (▷ page 120). Whether or not the input characters appear depends on how many streets are available for the selected city.

Street list with input characters

When this list appears, the input characters ⑥ are automatically activated.


①
ACADEMY AVE
ACADEMY
ACADEMY
②
③
ACKERMAN ST
ACORN CT
PL
ST
⑦
⑤
④
A
⑧
E F G H I J M N O P Q R S T U V W X Y Z
ok
⑥
Back
Ä Ö Ü Æ Ø Å 3 4 5 6 7 8 9 0 , . ; ' - & ( ) /
C

P82.86-5324-31

① Top list entry based on the input data up to that point
② Characters entered by the user
③ Characters automatically added by the system
④ Currently non-selectable characters
⑤ Currently selectable character
⑥ Input characters
⑦ Street list
⑧ Currently selected character

ℹ In the list of input characters ⑥, you can only select currently selectable characters. Which characters are included depends on the sequence in which you have entered your destination and the data version of the digital map.

The top list entry ① first shows the street first alphabetically and best corresponds to the input data as it has been entered up to that point.

As soon as you enter a character from input characters ⑥, the top list entry ① shows the street which best corresponds to the input data as it has been entered up to that point. At the same time, COMAND automatically supplements characters ② entered by the user with appropriate characters ③.

▶ **Selecting characters:** Slide ←◎→ or rotate ⟲◎⟳.

▶ **Confirming character selection:** Press ◎.

▷▷

- **Deleting individual characters:** Select c in the bottom line and press ⊛.
- **Deleting an entire entry:** Select c in the bottom line and press ⊛ until the entire entry is deleted.
- **Canceling an entry:** Select Back in the bottom line and press ⊛.

or

- Press back button ↩ in the center console (▷ page 90).

As soon as COMAND can clearly attribute the characters entered to a street, the input characters ⑥ disappear. You see the street list without the input characters. Here you can confirm the current entry or make another selection.

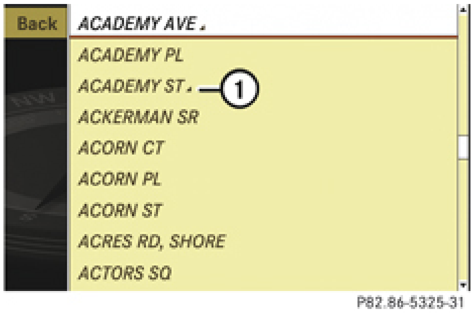
During character entry, you can also manually switch to the street list without input characters at any time.

- **Switching manually to the street list without input characters:** Slide ↑◎.

or

- Select ok in the second line from the bottom and press ⊛.

Street list without input characters



① Symbol for more selection options

- **Selecting a street:** Slide ↑◎↓ or rotate ⟲◎⟳.

or

- Enter a street number with the telephone keypad using the 0 - 9 WXYZ buttons (▷ page 85).

ℹ Example: Pressing button 2 ABC jumps to the 2nd Avenue.

- **Canceling selection:** Select Back and press ⊛.

or

- Press back button ↩ in the center console (▷ page 90).

- **Confirming selection:** Press ⊛.

  Streets with symbol ① run through several suburbs. Confirming one of these streets takes you to a further sub-selection.

  If there are no other selection options, the address input menu appears again after the confirmation.

It shows one of the following items of information:

- Street and state (USA) or province (Canada)
- Street, city and state (USA) or province (Canada)

ℹ The city is visible if you have entered it before entering the street, or if COMAND can clearly attribute the street entered to a city.

Which of the following menu items are now available depends on the situation, or may depend on the data version of the digital map. The menu items which are not available cannot be selected.

- Map: Using the map to enter a destination (▷ page 130) ℹ In this case, using the map for destination entry is based on the city seen in the address input menu.

- `House No.`: Entering the house number (▷ page 123)
- `Intersection`: Entering the intersection (▷ page 125)

ℹ Entering an intersection is restricted to streets within the vicinity of the street entered.

- `POI`: Entering a point of interest (▷ page 132)

ℹ In this case, entering a POI is based on the city seen in the address input menu.

- `Save`: Saving a destination in the destination memory (▷ page 149)
- `Start`: Starting the route calculation (▷ page 127)

▶ **Continuing or completing destination entry:** Select one of the menu items mentioned above.

Entering a center

ℹ It is not possible to enter a center if:

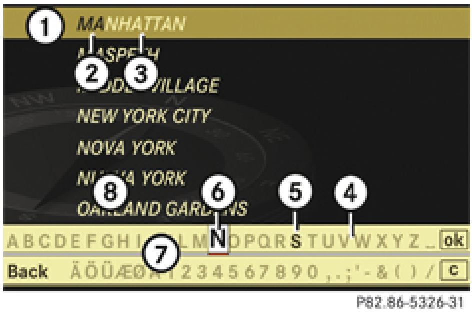
- you have not yet entered a city
- you have already entered a street
- you have already entered a zip code that COMAND can clearly attribute to an address

You can only enter those centers which are saved on the digital map.
Depending on the previous entry, centers are available either for the city entered or the zip code area entered.

▶ In the address input menu, select `Center`.
The list of centers appears either with or without the input characters (▷ page 122). Whether or not the input characters appear depends on how many centers are available in the selected city.

List of centers with input characters

When this list appears, the input characters ⑦ are automatically activated.



① Top list entry based on the input data up to that point
② Characters entered by the user
③ Characters automatically added by the system
④ Currently non-selectable characters
⑤ Currently selectable character
⑥ Currently selected character
⑦ Input characters
⑧ List of centers

ℹ In the list of input characters ⑦, you can only select currently selectable characters. Which characters are included depends on the sequence in which you have entered your destination and the data version of the digital map.

COMAND navigation system (entering a destination)

While the characters are being selected as described below, top list entry ① always shows the center which best corresponds to the input data as it has been entered up to that point. At the same time, COMAND automatically supplements characters ② entered by the user with appropriate characters ③.

- **Selecting characters:** Slide ←◎→ or rotate ⟲◎⟳.
- **Confirming character selection:** Press ⊛.
- **Deleting individual characters:** Select c in the bottom line and press ⊛.
- **Deleting an entire entry:** Select c in the bottom line and press ⊛ until the entire entry is deleted.
- **Canceling an entry:** Select Back in the bottom line and press ⊛.

or

- Press back button ↩ in the center console (▷ page 90).

As soon as COMAND can clearly attribute the characters entered to a center, input characters ⑦ disappear. You see the list of centers without the input characters. Here you can confirm the current entry or make another selection.

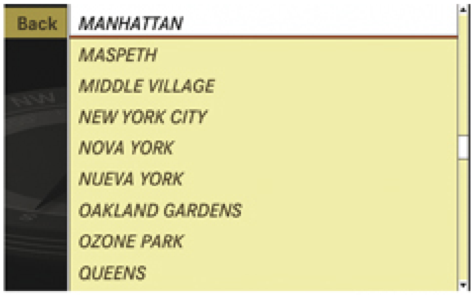
During character entry, you can also manually switch to the list of centers without input characters at any time.

- **Switching manually to the list of centers without input characters:** Slide ↑◎.

or

- Select ok in the second line from the bottom and press ⊛.

List of centers without input characters



MANHATTAN
MASPETH
MIDDLE VILLAGE
NEW YORK CITY
NOVA YORK
NUEVA YORK
OAKLAND GARDENS
OZONE PARK
QUEENS

P82.86-5327-31

- **Selecting a center:** Slide ↑◎↓ or rotate ⟲◎⟳.
- **Canceling selection:** Select Back and press ⊛.

or

- Press back button ↩ in the center console (▷ page 90).
- **Confirming selection:** Press ⊛.
  After the confirmation, the address input menu appears again. It shows the center, city and state (USA) or province (Canada).
  Which of the following menu items are now available may depend on the data version of the digital map. The menu items which are not available cannot be selected.
  - Map: Using the map to enter a destination (▷ page 130)

ℹ In this case, using the map for destination entry is based on the center seen in the address input menu.

  - POI: Entering a point of interest (▷ page 132)

ℹ In this case, entering a point of interest is based on the center seen in the address input menu.

- Save: Saving a destination in the destination memory (▷ page 149)
- Start: Starting the route calculation (▷ page 127)

▶ **Continuing or completing destination entry:** Select one of the menu items mentioned above.

Entering a house number

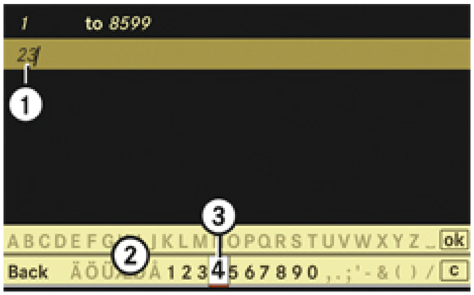
ℹ The house number can only be entered after the street has been entered.
You can only enter those house numbers which are saved on the digital map. The digital map does not contain all house numbers for all streets.

How the house number is entered depends on whether you have already entered just the street or both the street and the city (▷ page 124).

With only the street entered previously

When COMAND can clearly allocate the street to a city, the house number appears without input characters. Select a house number from the list (▷ page 125).

When COMAND cannot clearly allocate the street to a city, a house number screen appears. You can now enter a house number.


1
to 8599
23
1
2
3
A B C D E F G H I J K L M N O P Q R S T U V W X Y Z _
ok
Back
Ä Ö Ü Å Ä 1 2 3 4 5 6 7 8 9 0 , . ; ' - & ( ) /
C

P82.86-6118-31

① Numbers entered by the user
② Input characters
③ Currently selected number

▶ **Selecting numbers:** Slide ←◎→ or rotate ⟲◎⟳.

▶ **Confirming number selection:** Press ⊛.

or

▶ Entering a number with the telephone keypad using the 0 - 9 WXYZ buttons (▷ page 85).

▶ **Deleting individual numbers:** Select c in the bottom line and press ⊛.

▶ **Deleting an entire entry:** Select c in the bottom line and press ⊛ until the entire entry is deleted.

▶ **Canceling an entry:** Select Back in the bottom line and press ⊛.

or

▶ Press back button ↩ in the center console (▷ page 90).

▶ **Confirming entry:** Select ok in the second line from the bottom and press ⊛.
If COMAND cannot clearly attribute the house number to a city, the city input menu appears.
Entering city: Proceed as described in the “Entering a city” section (▷ page 116).
After the city has been entered, the address input menu appears again.
If COMAND can clearly attribute the house number to a city, the address input menu also appears.
In both cases, the address input menu shows the house number, street, city and state (USA) or province (Canada).

Which of the following menu items are now available may depend on the data version of the digital map. The menu items which are not available cannot be selected.

- Map: Using the map to enter a destination (▷ page 130)

▷▷

COMAND navigation system (entering a destination)

ℹ In this case, using the map for destination entry is based on the city seen in the address input menu.

- `POI`: Entering a point of interest (▷ page 132)

ℹ In this case, entering a POI is based on the city seen in the address input menu.

- `Save`: Saving a destination in the destination memory (▷ page 149)
- `Start`: Starting the route calculation (▷ page 127)

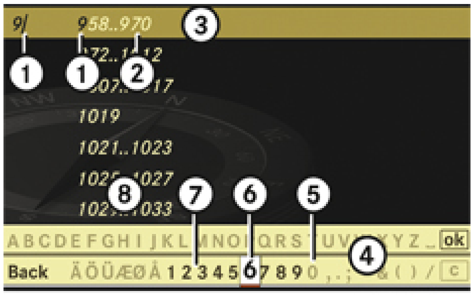
▶ **Continuing or completing destination entry:** Select one of the menu items mentioned above.

With the street and city previously entered

▶ In the address input menu, select `House No.`.
The list of house numbers appears either with or without the input characters (▷ page 125). Whether or not the input characters appear depends on how many house numbers are available in the selected street.

List of house numbers with input characters

When this list appears, the input characters ④ are automatically activated.



① Numbers entered by the user
② Numbers automatically added by the system
③ Top list entry based on the input data up to that point
④ Input characters
⑤ Currently non-selectable numbers
⑥ Currently selected number
⑦ Currently selectable numbers
⑧ List of house numbers

ℹ In the list of input characters ④, you can only select currently selectable characters. Which characters are included depends on the sequence in which you have entered your destination and the data version of the digital map.

While the numbers are being selected as described below, the top list entry ③ always shows the house number which best corresponds to the input data as it has been entered up to that point. At the same time, COMAND automatically supplements numbers ① entered by the user with appropriate numbers ②.

▶ **Selecting numbers:** Slide ←◎→ or rotate ⟲◎⟳.

or

▶ Entering a number with the telephone keypad using the 0 - 9 WXYZ buttons (▷ page 85).

▶ **Confirming number selection:** Press ◎.

▶ **Deleting individual numbers:** Select c in the bottom line and press ◎.

▶ **Deleting an entire entry:** Select c in the bottom line and press ◎ until the entire entry is deleted.

- **Canceling an entry:** Select Back in the bottom line and press ⊛.

or

- Press back button ↩ in the center console (▷ page 90).

As soon as COMAND can clearly attribute the numbers entered to a house number, the input characters ④ disappear. You see the list of house numbers without the input characters. Here you can confirm the current entry or make another selection.

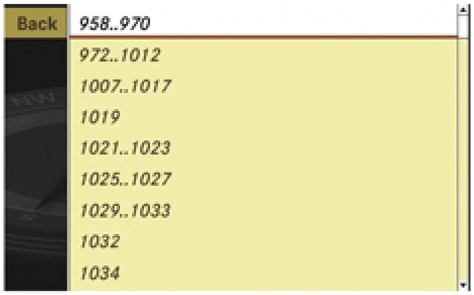
During number entry, you can also manually switch to the list of house numbers without input characters at any time.

- **Switching manually to the list of house numbers without input characters:** Slide ↑◎.

or

- Select ok in the second line from the bottom and press ⊛.

List of house numbers without input characters


Back
958..970
972..1012
1007..1017
1019
1021..1023
1025..1027
1029..1033
1032
1034

P82.86-5329-31

- **Selecting house numbers:** Slide ↑◎↓ or rotate ⟲◎⟳.
- **Canceling selection:** Select Back and press ⊛.

or

- Press back button ↩ in the center console (▷ page 90).
- **Confirming selection:** Press ⊛.
  After the confirmation, the address input menu appears again. It shows the house number, street, city and state (USA) or province (Canada).

Which of the following menu items are now available may depend on the data version of the digital map. The menu items which are not available cannot be selected.

- Map: Using the map to enter a destination (▷ page 130)

ℹ In this case, using the map for destination entry is based on the city seen in the address input menu.

- POI: Entering a point of interest (▷ page 132)

ℹ In this case, entering a POI is based on the city seen in the address input menu.

- Save: Saving a destination in the destination memory (▷ page 149)
- Start: Starting the route calculation (▷ page 127)

- **Continuing or completing destination entry:** Select one of the menu items mentioned above.

Entering an intersection

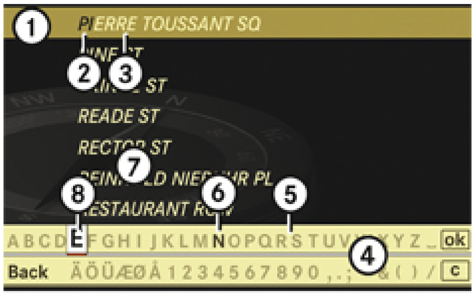
ℹ The intersection can only be entered after the street has been entered.
You can only enter those intersections which are saved on the digital map.

COMAND navigation system (entering a destination)

- ▶ In the address input menu, select `Intersection`.
  The list of intersections appears either with or without the input characters (▷ page 127). Whether or not the input characters appear depends on how many intersections are available for the selected street.

List of intersections with input characters

When this list appears, the input characters ④ are automatically activated.


PIERRE TOUSSANT SQ
READE ST
RECTOR ST
ESTAURANT R
ABCDEFGHIJKLMNOPQRSTUV YZ _ ok
Back ÄÖÜÆØÅ1234567890,.; &()/ c
①
②
③
④
⑤
⑥
⑦
⑧

P82.86-5330-31

① Top list entry based on the input data up to that point
② Characters entered by the user
③ Characters automatically added by the system
④ Input characters
⑤ Currently non-selectable characters
⑥ Currently selectable character
⑦ List of intersections
⑧ Currently selected character

ℹ In the list of input characters ④, you can only select currently selectable characters. Which characters are included depends on the sequence in which you have entered your destination and the data version of the digital map.

While the characters are being selected as described below, the top list entry ① always shows the intersection which best corresponds to the input data as it has been entered up to that point.
At the same time, COMAND automatically supplements characters ② entered by the user with appropriate characters ③.

- ▶ **Selecting characters:** Slide ←◎→ or rotate ⟲◎⟳.
- ▶ **Confirming character selection:** Press ⊛.
- ▶ **Deleting individual characters:** Select c in the bottom line and press ⊛.
- ▶ **Deleting an entire entry:** Select c in the bottom line and press ⊛ until the entire entry is deleted.
- ▶ **Canceling character entry:** Select `Back` in the bottom line and press ⊛.

or

- ▶ Press back button ↩ in the center console (▷ page 90).

As soon as COMAND can clearly attribute the characters entered to an intersection, the input characters ④ disappear. You see the list of intersections without the input characters. Here you can confirm the current entry or make another selection.

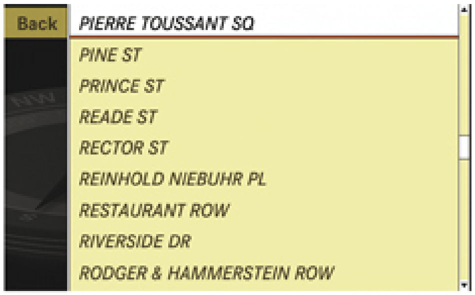
During character entry, you can also manually switch to the list of intersections without input characters at any time.

- ▶ **Switching manually to the list of intersections without input characters:** Slide ↑◎.

or

- ▶ Select ok in the second line from the bottom and press ⊛.

List of intersections without input characters



Back
PIERRE TOUSSANT SQ
PINE ST
PRINCE ST
READE ST
RECTOR ST
REINHOLD NIEBUHR PL
RESTAURANT ROW
RIVERSIDE DR
RODGER & HAMMERSTEIN ROW

P82.86-5331-31

- ▶ **Selecting an intersection:** Slide ↑◎↓ or rotate ⟲◎⟳.
- ▶ **Confirming selection:** Press ⊛.
  Either the address input menu appears again, or the city input menu.

ⓘ The city input menu appears if the intersection entered cannot be clearly attributed to a city.

- ▶ **Canceling selection:** Select `Back` and press ⊛.

or

- ▶ Press back button ↩ in the center console (▷ page 90).
- ▶ **If the city input menu appears:** Enter a city.

ⓘ A detailed description of how to enter a city can be found in the “Entering a city” section (▷ page 116).

After the city has been entered, the address input menu appears again.

Which of the following menu items are now available may depend on the data version of the digital map. The menu items which are not available cannot be selected.

- `Map`: Using the map to enter a destination (▷ page 130)

ⓘ In this case, using the map for destination entry is based on the city seen in the address input menu.

- `POI`: Entering a point of interest (▷ page 132)

ⓘ In this case, entering a POI is based on the city seen in the address input menu.

- `Save`: Saving a destination in the destination memory (▷ page 149)
- `Start`: Starting the route calculation (▷ page 127)

- ▶ **Continuing or completing destination entry:** Select one of the menu items mentioned above.

Starting the route calculation

ⓘ You cannot start the route calculation until all the necessary address data has been entered.

ⓘ With `Change Name` you can change the name of the chosen entry from the destination memory before starting the route calculation.

- ▶ After entering the destination, select `Start`.
  The route calculation will start if route guidance has not already been activated.
  If route guidance has already been activated, a prompt will appear asking

▷▷

COMAND navigation system (entering a destination)

whether you want to end the current route guidance.

- Select `Yes` or `No`.
  If you select `Yes`, COMAND will stop the route guidance and start the route calculation for the new destination.

  If you select `No`, COMAND will continue with the active route guidance.

  The new destination is discarded.

  During the route calculation, an arrow will indicate the linear direction to the destination. Below this, you will see the message `Calculating Route`.
  Once the route has been calculated, route guidance begins (▷ page 139).

ℹ Route calculation requires a certain amount of time. The time depends on the distance from the destination, for example. COMAND calculates the route using the digital map data. The calculated route may differ from the actual road situation, e. g. due to road construction or incomplete map data. Please make sure that you observe the notes about the digital map (▷ page 100).

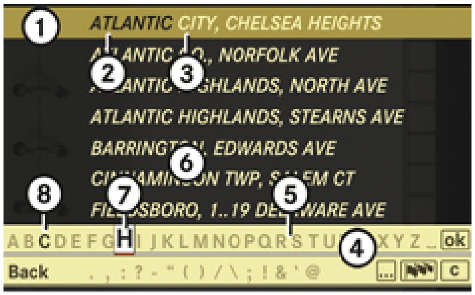
Entering a destination from the destination memory

- Select `Navi` → `Destination` → `From Memory`.
  The destination memory list appears either with or without the input characters (▷ page 129). Whether the input characters appear depends on the number of entries in the destination memory.

ℹ The destination memory always contains an entry called `My Address`. You can save your home address, for example, under this entry (▷ page 151).

Destination memory list with input characters

When this list appears, the input characters ④ are automatically activated.


1
ATLANTIC CITY, CHELSEA HEIGHTS
2
3
ATLANTIC HIGHLANDS, STEARNS AVE
6
8
7
5
4
A B C D E F G H I J K L M N O P Q R S T U
X Y Z _
ok
Back
. , : ? - " ( ) / \ ; ! & ' @
...
C

P82.86-5332-31

① Top list entry based on the input data up to that point
② Characters entered by the user
③ Characters automatically added by the system
④ Input characters
⑤ Currently non-selectable characters
⑥ Destination memory list
⑦ Currently selected character
⑧ Currently selectable characters

ℹ In the list of input characters ④, you can only select currently selectable characters. Which characters are included depends on the sequence in which you have entered your destination and the content of the destination memory.

While the characters are being selected as described below, the top list entry ① always shows the destination which best corresponds to the input data as it has been entered up to that point.

At the same time, COMAND automatically supplements characters ② entered by the user with appropriate characters ③.

- **Changing language for the input characters:** Select ⚑.
- Select desired language.
- **Changing character set for the input characters:** Select ●●●.
  Depending on the previous setting, you will change to letters with special characters or to numbers with special characters.
- **Selecting characters:** Slide ←◎→ or rotate ⟲◎⟳.
- **Confirming character selection:** Press ⊛.
- **Deleting individual characters:** Select c in the bottom line and press ⊛.
- **Deleting an entire entry:** Select c in the bottom line and press ⊛ until the entire entry is deleted.
- **Canceling an entry:** Select Back in the bottom line and press ⊛.

or

- Press back button ↩ in the center console (▷ page 90).

As soon as COMAND can clearly attribute the characters entered to a destination, the input characters ④ disappear. You see the destination memory list without input characters. Here you can confirm the current entry or make another selection.

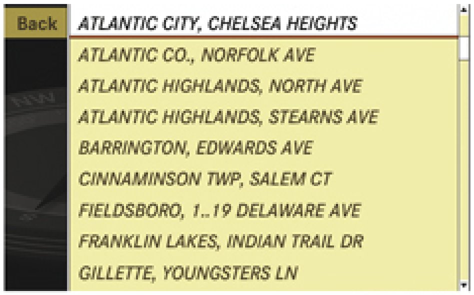
You can also manually switch to the destination memory list without input characters at any time.

- **Switching manually to the destination memory list without input characters:** Slide ↑◎.

or

- Select ok in the second line from the bottom and press ⊛.

Destination memory list without input characters



ATLANTIC CITY, CHELSEA HEIGHTS
ATLANTIC CO., NORFOLK AVE
ATLANTIC HIGHLANDS, NORTH AVE
ATLANTIC HIGHLANDS, STEARNS AVE
BARRINGTON, EDWARDS AVE
CINNAMINSON TWP, SALEM CT
FIELDSBORO, 1..19 DELAWARE AVE
FRANKLIN LAKES, INDIAN TRAIL DR
GILLETTE, YOUNGSTERS LN

P82.86-5333-31

- **Selecting a destination:** Slide ↑◎↓ or rotate ⟲◎⟳.
- **Canceling selection:** Press back button ↩ in the center console (▷ page 90).

or

- Select Back and press ⊛.

ℹ The Back menu item is only present if this list was called up from the list with input characters.

- **Confirming selection:** Press ⊛.
- **Starting route calculation:** Select Start, see also (▷ page 127).

COMAND navigation system (entering a destination)

Entering a destination from the list of last destinations

- ▶ Select `Navi` → `Destination` → `From Last Destinations`.
  The list of last destinations appears. The most recent destination is at the top of the list.
- ▶ Select desired destination.
- ▶ **Starting route calculation:** Select `Start`, see also (▷ page 127).

Entering a destination from the map

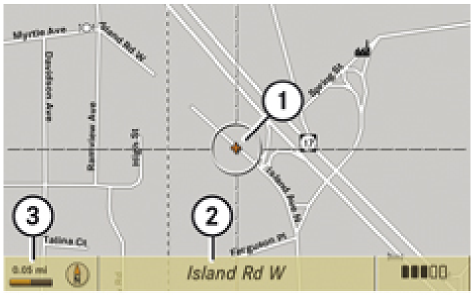
ℹ Depending on the factory settings of the vehicle, it may not be possible to enter a destination while the vehicle exceeds a preset speed. As soon as the vehicles speed drops to below the preset speed, the function is available again. You can enter a destination via the map if the digital map does not contain the address of the destination, but the destination must be within the area of the digital map.

Calling up the map

- ▶ In the address input menu, select `Map` (▷ page 112).
  You will see the map with a cross hair. The map is set to the address set in the address input menu.

or

- ▶ Select `Navi` → `Destination` → `Via Map`.
  You will see the map with a cross hair.



① Cross hair
② Details of the cross hair position
③ Map scale

ℹ Display ② may be the name of a road, for example, provided the digital map contains the necessary data.

If no data is available, display ② shows:

- the coordinates if the geocoordinate display is switched on (▷ page 110)
- no display if the geocoordinate display is switched off (▷ page 110)

Moving the map and selecting the destination

- ▶ **Moving map:** Slide ↑◎↓, ←◎→ or ↗◎↙.
- ▶ **Adjusting map scale:** Rotate ⟲◎⟳.
  Rotating clockwise enlarges the map, rotating counterclockwise reduces it.
- ▶ **Selecting a destination:** Press ◎.
  If the cross hair is located off the edge of the digital map, a route cannot be calculated to this destination and you will see the message `The destination is located off the map.`.
- ▶ Select `OK`.
- ▶ Move the map and select a destination again.
  If the destination is within the limits of the digital map, COMAND attempts to attribute the destination to the map, which can take approximately 2 seconds.
  If the destination can be attributed, you will see the address of the destination. If not,

you will see the display `Destination from map`.

▶ **Starting route calculation:** Select `Start`, see also (▷ page 127).

Entering a stopover

ⓘ When route guidance is active, you can enter a stopover. Stopovers can be predefined destinations from the following predefined categories:

- `Mercedes-Benz Center`
- `Hospital`
- `Gas station`
- `Parking lot`
- `Restaurant`

However, you can also enter destinations other than the predefined ones.

ⓘ You can use the stopover function to influence the route guidance calculation to the main destination. When you have reached your stopover, COMAND automatically calculates the route to the main destination.

Entering predefined destinations

▶ Select `Navi` → `Destination` → `Stopover`.
If a stopover has already been entered, you can change it.

Changing: Select `Change Stopover`.
You can now select a category.

▶ **Selecting a category:** Select category, e. g. `Gas station`.
COMAND first looks for destinations within the immediate vicinity of the vehicle and near the vehicle's route. If there are no destinations available there, COMAND searches for destinations in an area around the vehicle position.
If COMAND does not find any destinations, you will see a message to this effect.

Select `OK`.
You can now select a different category.

If COMAND finds destinations, you will see a list of the destinations and details of how far away they are in the right-hand side of the display. The information about how far away the destinations are can take a few seconds to be displayed.

The left-hand part of the display shows the destinations on the map. The destination marked in the list is highlighted in the map.

▶ **Selecting a destination:** Select the desired destination from list.
The address of the destination appears.

▶ **Starting route calculation:** Select `Start`, see also (▷ page 127).

Entering another destination as a stopover

▶ Select `Navi` → `Destination` → `Stopover`.

▶ **Entering:** Select `Other`.

You can select between the following menu items:

- `Address Entry`
- `From Memory`
- `From Last Destinations`
- `From POIs`

▶ Select a menu item.

Subsequent destination entries may differ, depending on your selection:

- `Address Entry` selection:
  ▶ Enter a destination by address (▷ page 112).
- `From Memory` selection:

▷▷

 - ▶ Enter a destination from the destination memory (▷ page 128).
- From Last Destinations selection:
  - ▶ Enter a destination from the list of last destinations (▷ page 130).
- From POIs selection:
  - ▶ Enter a special destination (▷ page 132).

▶ **Starting route calculation:** After entering a destination, select Start (▷ page 127).

Changing a stopover

If a stopover has already been entered, you can change it.

▶ Select Navi → Destination → Stopover → Change Stopover.

▶ Enter another destination as a stopover.

Deleting the stopover

If a stopover has already been entered, you can delete it.

▶ Select Navi → Destination → Stopover → Delete Stopover. COMAND deletes the stopover and calculates the route to the main destination.

COMAND navigation system (Point of interest entry)

Entering a POI in the surrounding area

▶ In the map view while the menu system is displayed, select Destination → From POIs → Current Position (▷ page 107).

▶ Continue with designating the POI category (▷ page 133).

Entering a POI in the surroundings of a given city

Option 1

▶ In the map view while the menu system is displayed, select Destination → From POIs → Other City (▷ page 107).

▶ If necessary, enter state (USA) (▷ page 112) or province (Canada) (▷ page 114).

▶ **Entering city:** Select City. The city input menu appears.

- ▶ Then proceed as described in the “Entering a city” section (▷ page 116).
- ▶ After entering the city, continue with designating the POI category (▷ page 133).

Option 2

- ▶ Enter an address in the address input menu (▷ page 112).
- ▶ Select POI.
- ▶ Continue with designating the POI category (▷ page 133).

Entering a POI in a different region

ℹ This function gives you quick access to POIs which are of national interest in the state (USA) or province (Canada) you have selected. The following categories may be available:

- AIRPORT
- BORDER CROSSING
- HIGHWAY ACCESS

Not all categories are available in all states (USA) or provinces (Canada).

- ▶ In the map view while the menu system is displayed, select Destination → From POIs → Global POI (▷ page 107).
  The category list appears. The state (USA) or province (Canada) currently selected is shown in the first list entry.
- ▶ **Selecting another state (USA) or province (Canada):** Select the first list entry.
  A list of states/provinces appears.
- ▶ Select desired state (USA) or province (Canada).
  If there are no POIs for the selected state (USA) or province (Canada), you will see a corresponding message.

  Closing message: Select OK.
  You can again select a state (province).

  If there are POIs, you will see the category list again.
- ▶ Proceed as described in the “Selecting a category” paragraph in the “Main category list without input characters” section (▷ page 135).

Designating a POI category

The categories and POIs available depend on the distance from the vehicle position you have set for the POI.

- POI in the surrounding area:
  categories sorted alphabetically and POIs sorted by distance within a radius of about 12 mi around the vehicle position are available. You can extend the search radius using the list options (▷ page 137).
- POI within a given city:
  If you have only entered the state (USA) or province (Canada) and the city, alphabetically sorted categories and alphabetically sorted POIs within the city are available.

  If you have entered more than the state (USA) or province (Canada) and the city, alphabetically sorted categories and POIs sorted by distance within a radius of about 12 mi around the address entered are available. You can extend the search radius and the category selection using the list options (▷ page 137).
- POIs in a different region:
  Alphabetically sorted categories and alphabetically sorted POIs are available.

▷▷

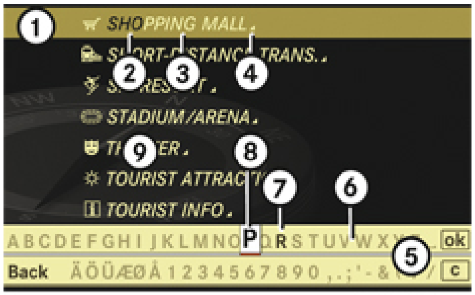
COMAND navigation system (Point of interest entry)

Entering a category

Depending on the number of available categories, the main category list appears for category entry either with or without input characters (▷ page 135).

Main category list with input characters

When this list appears, the input characters ⑤ are automatically activated.



P82.86-5334-31

① Top list entry based on the input data up to that point
② Characters entered by the user
③ Characters automatically added by the system
④ Symbol for available POIs or other available subcategories
⑤ Input characters
⑥ Currently non-selectable characters
⑦ Currently selectable character
⑧ Currently selected character
⑨ Main category list

ℹ In the list of input characters ⑤, you can only select currently selectable characters. Which characters are included depends on the sequence in which you have entered your destination and the data version of the digital map.

While the characters are being selected as described below, the top list entry ① always shows the category which best corresponds to the input data as it has been entered up to that point.

At the same time, COMAND automatically supplements characters ② entered by the user with appropriate characters ③.

- **Selecting characters:** Slide ←◎→ or rotate ⟲◎⟳.
- **Confirming character selection:** Press ◉.
- **Deleting individual characters:** Select c in the bottom line and press ◉.
- **Deleting an entire entry:** Select c in the bottom line and press ◉ until the entire entry is deleted.
- **Canceling an entry:** Select Back in the bottom line and press ◉.

or

- Press back button ⬅ in the center console (▷ page 90).

As soon as COMAND can clearly attribute the characters entered to a category, the input characters ⑤ disappear. You see the list of main categories without the input characters. Here you can confirm the current entry or make another selection.

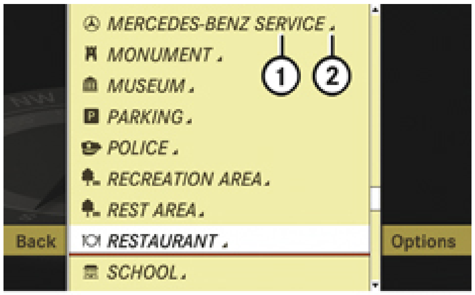
You can also manually switch to the main category list without input characters at any time.

- **Switching manually to the main category list without input characters:** Slide ↑◎.

or

- Select ok in the second line from the bottom and press ◉.

Main category list without input characters


MERCEDES-BENZ SERVICE
MONUMENT
MUSEUM
PARKING
POLICE
RECREATION AREA
REST AREA
RESTAURANT
SCHOOL
Back
Options
①
②

P82.86-5054-31

Example illustration: Main category list for POIs in the surrounding area

① Category

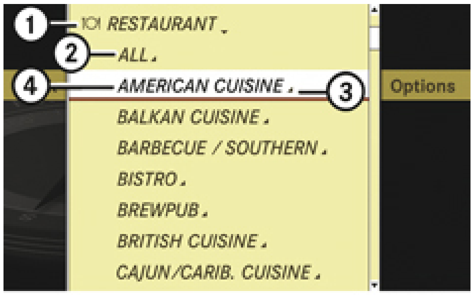
② Symbol for available POIs or other available subcategories

- ▶ **Selecting a main category:** Slide ↑◎↓ or rotate ⟲◎⟳.
- ▶ **Canceling selection:** Select Back and press ⊛.

or

- ▶ Press back button ↩ in the center console (▷ page 90).
- ▶ **Confirming selection:** Press ⊛.
  Main categories with symbol ② contain either POIs or subcategories. Further operation depends on whether the selected main category contains subcategories or only POIs.

Selected main category contains subcategories:
Selecting such a main category opens a list of subcategories. The illustration below shows by way of example the RESTAURANT main category with available subcategories ④.


RESTAURANT
ALL
AMERICAN CUISINE
BALKAN CUISINE
BARBECUE / SOUTHERN
BISTRO
BREWPUB
BRITISH CUISINE
CAJUN/CARIB. CUISINE
Options
1
2
3
4

P82.86-5335-31

① Main category

② To show all POIs for all subcategories under category ①

③ Symbol for available POIs

④ Subcategory

- ▶ **Selecting a subcategory:** Slide ↑◎↓ or rotate ⟲◎⟳.
- ▶ **Canceling selection:** Select Back and press ⊛.

or

- ▶ Press back button ↩ in the center console (▷ page 90).
- ▶ **Confirming selection:** Press ⊛.
  After selecting a subcategory, a list of POIs appears. It contains the POIs available within the search radius of the subcategory.

ℹ If you have selected list item ②, the POI list contains all POIs for all subcategories within the search radius of main category ①.

Selected main category contains no subcategories, but only POIs:
Selecting such a main category immediately opens a list of POIs. The POI list contains the available POIs within the search radius of the main category.

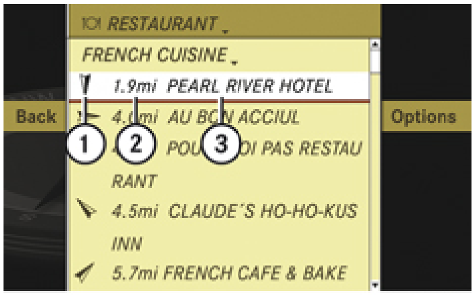
POI list

Depending on the situation, COMAND first shows the following list or the POI list with input characters.

▷▷

COMAND navigation system (Point of interest entry)

The illustration below shows by way of example the POI list for the `RESTAURANT` main category, `FRENCH CUISINE` subcategory within the surrounding area.


RESTAURANT
FRENCH CUISINE
1.9mi PEARL RIVER HOTEL
4.0mi AU BON ACCUIL
POU OI PAS RESTAU RANT
4.5mi CLAUDE´S HO-HO-KUS INN
5.7mi FRENCH CAFE & BAKE
Back
Options
1
2
3

P82.86-7365-31

① Compass heading to the destination
② Linear distance to the destination
③ Special destination

ℹ Displays ① and ② are not visible if you have already entered a POI within a particular city. Displays ① and ② are static; they do not change while you are driving.

In the POI list, you can either select a POI or enter the name of the POI.

Selecting a POI

- ▶ Select desired POI.
  The POI list disappears and the address of the POI appears.
- ▶ **Back to POI list:** Select `Back` and press ⊛.

or

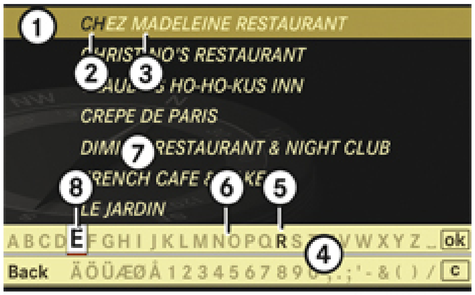
- ▶ Press back button ↩ in the center console (▷ page 90).
- ▶ **Starting route calculation:** Select `Start`, see also (▷ page 127).

Entering name of POI

- ▶ Select `Options` → `Spell`.
  The POI list appears with input characters; the input characters are automatically activated.

POI list with input characters

ℹ For POIs in other regions, this list also shows the compass heading to the destination as well as the linear distance to the destination, as in the previous illustration.


CHEZ MADELEINE RESTAURANT
CHRISTINO'S RESTAURANT
CLAUDE'S HO-HO-KUS INN
CREPE DE PARIS
DIMI RESTAURANT & NIGHT CLUB
FRENCH CAFE & BAKE
LE JARDIN
A B C D E F G H I J K L M N O P Q R S W X Y Z
ok
Back
Ä Ö Ü Æ Ø Å 1 2 3 4 5 6 7 8 9 0 . , ; ' - & ( ) /
C
1
2
3
4
5
6
7
8

P82.86-5337-31

① Top list entry based on the input data up to that point
② Characters entered by the user
③ Characters automatically added by the system
④ Input characters
⑤ Currently selectable character
⑥ Currently non-selectable characters
⑦ POI list
⑧ Currently selected character

ℹ In the list of input characters ④, you can only select currently selectable characters. Which characters are included depends on the sequence in which you have entered your destination and the data version of the digital map.

While the characters are being selected as described below, the top list entry ① always shows the POI that best corresponds to the input data as it has been entered up to that point.
At the same time, COMAND automatically supplements characters ② entered by the user with appropriate characters ③.

- **Selecting characters:** Slide ←◎→ or rotate ⟲◎⟳.
- **Confirming character selection:** Press ◉.
- **Deleting individual characters:** Select c in the bottom line and press ◉.
- **Deleting an entire entry:** Select c in the bottom line and press ◉ until the entire entry is deleted.
- **Canceling an entry:** Select Back in the bottom line and press ◉.

or

- Press back button ↩ in the center console (▷ page 90).

As soon as COMAND can clearly attribute the characters entered to a POI, the input characters ④ disappear.

You see the POI list without input characters. Here you can confirm the current entry or make another selection.

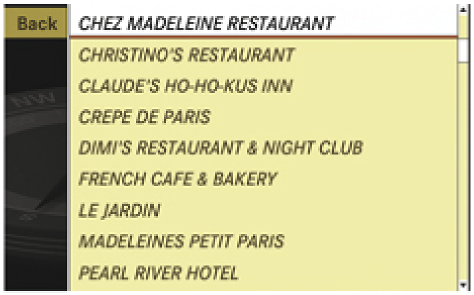
You can also manually switch to the POI list without input characters at any time.

- **Switching manually to the POI list without input characters:** Slide ↑◎.

or

- Select ok in the second line from the bottom and press ◉.

POI list without input characters



Back

CHEZ MADELEINE RESTAURANT
CHRISTINO'S RESTAURANT
CLAUDE'S HO-HO-KUS INN
CREPE DE PARIS
DIMI'S RESTAURANT & NIGHT CLUB
FRENCH CAFE & BAKERY
LE JARDIN
MADELEINES PETIT PARIS
PEARL RIVER HOTEL

P82.86-5338-31

- **Selecting a destination:** Slide ↑◎↓ or rotate ⟲◎⟳.
- **Canceling selection:** Select Back and press ◉.

or

- Press back button ↩ in the center console (▷ page 90).
- **Confirming selection:** Press ◉.
- **Starting route calculation:** Select Start, see also (▷ page 127).

List options

Options in category and POI lists

If you enter a POI in the surrounding area, initially, only categories and POIs within a radius of approximately 12 mi around the vehicle position are available.
The same applies if you enter a POI within a given city and have previously entered more than the state (USA) or province (Canada) and the city.

If you expand the list, the search radius increases to around 90 mi. This gives you access to all categories and POIs within a radius of about 90 mi.

▷▷

- **Expanding list:** In one of the lists select Options → Expand Search.
  The list is expanded.

Options only in POI lists

- **Displaying details of the selected entry:** Select Options → Details.
  The detailed view appears.
- **Closing detailed view:** Select OK.

Entering a POI from the map

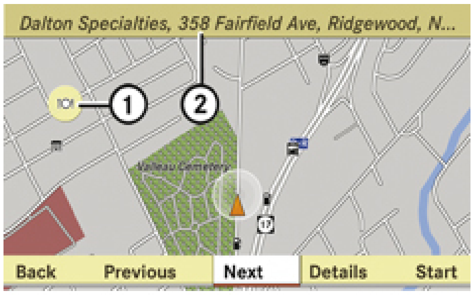
ℹ If the cross hair is shown on the map, you can enter POIs in the vicinity of the cross hair. If the cross hair is not shown on the map, you can enter POIs in the vicinity of the vehicle's current position.

- Select Guide in the map view with the menu system displayed (▷ page 107).
  You will see POI symbols on the map, depending on whether POIs are available and which map scale is set.

  The scale at which the symbols are displayed on the map varies according to the symbol.
  You can set which symbols COMAND should display (▷ page 109).

The POI closest to the center of the screen is automatically marked.

If there are no POIs available, the Back menu item is automatically highlighted and you cannot select other menu items.


Dalton Specialties, 358 Fairfield Ave, Ridgewood, N...

P82.86-6120-31

① Highlighted POI
② Information about the highlighted POI

- **Selecting a POI:** Select Next or Previous.
  The next or the previous POI is marked.
- **Displaying details of the selection:** Select Details.
- **Starting route calculation:** Select Start, see also (▷ page 127).
  A prompt appears asking whether the POI should be used as the destination.
- Select Yes or No.
  If you select Yes, the route calculation begins. If you select No, you can select a new POI.

COMAND navigation system (route guidance)

Route guidance

⚠ **Observe Safety notes, see page 99.**

COMAND guides you to the destination using navigation commands in the form of audible navigation announcements and route guidance displays.

ℹ The route guidance displays can only be seen if the display is switched to navigation mode.

If, for any reason, you do not follow the navigation commands or if you leave the calculated route, COMAND automatically calculates a new route to the destination.

If the map data contains the relevant information, COMAND tries to avoid roads that only have limited access, e. g. roads closed to through-traffic and non-residents.

Roads that have time restrictions (e. g. closed on Sundays and public holidays) are not considered for route guidance, if the digital map contains the relevant information.

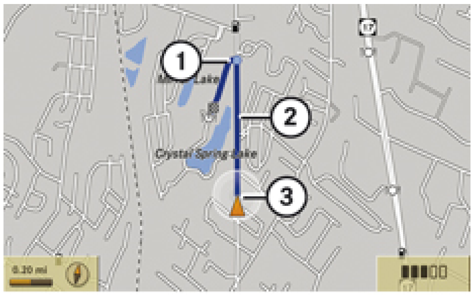
Examples of displays and announcements for a driving maneuver

Driving maneuvers have three phases:

- Preparation phase
- Announcement phase
- Maneuver phase

Preparation phase

COMAND prepares you for the upcoming driving maneuver. Based on the example display below, the driving maneuver is announced with the `Prepare to turn left` message. The display is not split and shows the map over the full screen.



P82.86-7338-31

① Point at which the driving maneuver takes place (light blue dot)
② Route (highlighted blue)
③ Current vehicle position; the triangle points in the vehicle's direction of travel

Announcement phase

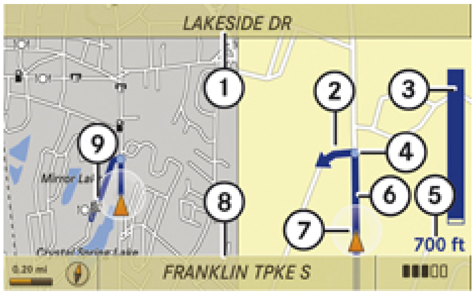
COMAND announces the next driving maneuver. Based on the example display below, the driving maneuver is announced 700 feet in advance with the `Turn left in 700 feet to your destination` message.

The display is divided in two. In the left half, you see the normal map view. In the right half, there is either an enlarged view of the area surrounding the intersection (intersection zoom) or simply a symbol for the next driving maneuver.

▷▷

COMAND navigation system (route guidance)

The following example illustration shows the intersection zoom in the right half.



P82.86-7339-31

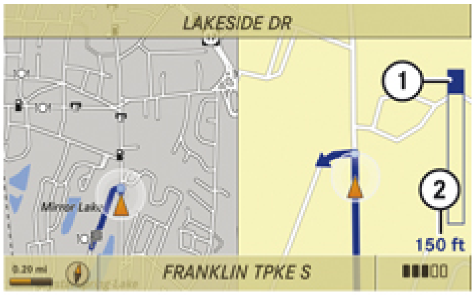
① Next road
② Driving maneuver (turn left)
③ Graphical representation of the distance to the driving maneuver
④ Point at which the driving maneuver takes place (light blue dot, shown in both the left and right displays)
⑤ Information about distance to the next driving maneuver
⑥ Route (highlighted in blue; shown in both the left and right displays)
⑦ Current vehicle position; the triangle indicates the vehicle's direction of travel (shown in both the left and right displays)
⑧ Street on which you are currently driving, if included on the digital map
⑨ Destination

ℹ The filled-in section of distance graphic ③ gets shorter the nearer you get to the announced driving maneuver.

Maneuver phase

COMAND announces the next driving maneuver. Based on the example display below, the driving maneuver is announced 150 feet in advance with the `Now turn left` message. The display is also split into two halves, as for the announcement phase.

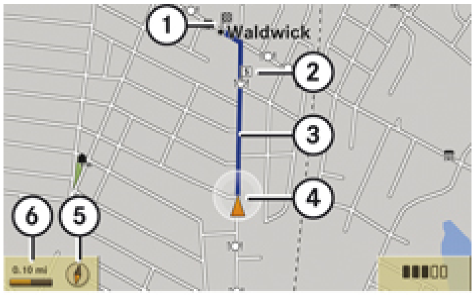
ℹ Once the maneuver is completed, COMAND automatically switches back to the non-split screen.



P82.86-7340-31

① Graphical representation of the distance to the next driving maneuver
② Information about distance to the next driving maneuver

Example of a display without driving maneuvers



P82.86-7341-31

① Main destination 🏁

② Stopover S (only visible if a stopover has been entered)

③ Route (highlighted blue)

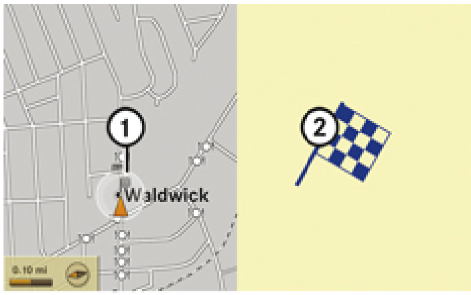
④ Current vehicle position; the triangle indicates the vehicle's direction of travel

⑤ Set map orientation – for an explanation and settings, see (▷ page 109)

⑥ Set scale – for an explanation and settings, see (▷ page 107)

Destination or destination area reached

Once you have reached your destination, you will hear the announcement `You have reached the destination`. For certain POIs (airports or highway junctions), you will hear the announcement `You have reached the destination area`. In addition, you will see a corresponding display and route guidance is automatically ended.



P82.86-6125-31

① Destination on the map

② Destination flag

Partially digitized areas

ℹ The digital map may contain areas that are only partially digitized although they are within a digitized region.

⚠ Warning!

Due to incomplete digitization, the route shown on the map may differ from the actual road/traffic situation.

If you follow the route shown on the map, for example, it is possible that you could drive the wrong way down a one-way street or that a street cannot be driven on.

When using route guidance in a partially digitized area, you must therefore be sure to observe all relevant traffic regulations and the course of the road.

All relevant traffic regulations and the course of the road always take priority over the route shown on the map.

If the destination is within a partially digitized area

COMAND guides you through fully digitized areas for as long as possible. Route guidance is conducted in the usual manner, i. e. with navigation announcements and route guidance displays.

▷▷

COMAND navigation system (route guidance)

Before the vehicle reaches a partially digitized area, COMAND notifies you of this with the following announcements:

- `Be prepared to enter an area where turn by turn guidance cannot be provided.`
- `In 700 feet you will enter an area where turn by turn guidance cannot be provided.`

ℹ The indicated distance can be seen here by way of example. In reality, it may be different.

- `You are about to enter an area where turn by turn guidance cannot be provided.`

ℹ When you call up the route info to this type of destination, (▷ page 145) the following data shown there may differ from the actual situation:

- Distance to the destination
- Estimated driving time to the destination
- Estimated arrival time

Route guidance within a partially digitized area

If you start route guidance in this type of area, you will hear the following announcement: `You are currently in an area where turn by turn guidance cannot be provided.`

Route guidance is provided by means of a direction arrow showing the compass heading to the destination. COMAND will not generate automatic navigation announcements.

If you try to call up an announcement manually, (▷ page 144) you will hear the announcement `You are currently in an area where turn by turn guidance cannot be provided.`

During route guidance, the display is divided. On the right-hand side you will see the direction arrow showing the compass heading to the destination.

On the left-hand side of the display you will see the map with the suggested route. The suggested route is highlighted blue. However, it may not be possible to follow the suggested route because, for example, the road is closed or not open for car traffic.

If, during route guidance, COMAND leads you back into a fully digitalized area, route guidance will simply continue in the usual manner.

Off-road and off-map

Route guidance to an off-road destination

⚠ **Warning!**

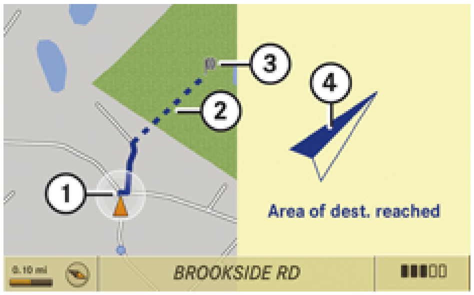
The COMAND navigation system may direct you to off-road routes that your vehicle may not be capable of traversing through without damaging your tires, wheels or vehicle. It is the driver's sole responsibility to determine the suitability of the route. Off-road routes may be of varying conditions and their appropriateness for use may be affected by various factors such as time of day, time of year and immediate weather conditions that cannot be judged or taken into consideration by the COMAND system.

COMAND can guide you to destinations within the area covered by the digital map, even if a destination is not located at a road known to the system.

These destinations are shown as off-road destinations, which you can enter using the map, for example. In these cases, COMAND

guides you for as long as possible with navigation announcements and displays on roads known to the system.
Shortly before you reach the last known the point to leave the digitized road network, you will hear the announcement `The destination is nearby. Follow the arrow on the display`.
You will then see an arrow that indicates the direction to the off-road destination. When the off-road destination is close to the road, `Area of dest. reached` appears in addition below the arrow.

The section of the route from the last known point on the map to the off-road destination is indicated with a dashed line after a certain length. It simply shows the direction to the off-road destination without taking account of any type of obstacles in the way.



P82.86-7342-31

① Current vehicle position; the triangle indicates the vehicle's direction of travel
② Off-road section of the route
③ Off-road destination
④ Direction arrow, shows compass heading to destination

On the off-road section of the route, direction arrows showing the compass heading to the destination guide you. You will also see the `Direction to destination` display.

Route guidance from an off-road location to a destination

If there is no road available on map at current position of the car, vehicle is off road. COMAND is also able to guide you to a destination from such a location.

At the start of the route guidance, you will see the `Off Road` message and a direction arrow. The direction arrow shows the compass heading to the actual destination.

The route is highlighted blue from the nearest road known to the system.

As soon as the vehicle is back on a road known to the system, route guidance continues in the usual way.

Route guidance from an off-map location to a destination

If the vehicle position is outside the area covered by the digital map, then the vehicle is in an off-map location.
COMAND is also able to guide you to a destination from such a location.

At the start of the route guidance, you will see the `Off Map` message and a direction arrow. The direction arrow shows the compass heading to the actual destination.

The route is highlighted blue from the nearest road known to the system.

As soon as the vehicle is back on a road known to the system, route guidance continues in the usual way.

Off-road during route guidance

The road layout may differ from the data on the digital map, due to road construction measures, for example.

In such cases, the system cannot allocate the vehicle position to the digital map and the vehicle is therefore in an off-road position.

The Off Road message and an arrow showing the compass heading to the destination appear on the display.

As soon as the system can allocate the vehicle position to the map again, route guidance continues in the usual way.

Navigation announcements

⚠ **Warning!**

Navigation announcements are intended to direct you while driving without diverting your attention from the road and driving.

Please always use this feature instead of consulting the map display for directions. Consulting the symbols or map display for directions may cause you to divert your attention from driving and increase your risk of an accident.

ⓘ If Russian or Chinese is set as the system language, the navigation announcements are in English. You will find how to set the system language on (▷ page 98).

Navigation announcements are muted during telephone calls. You can, however, call up a current announcement at any time. You can also call up a current announcement at any time if you have missed an announcement.

Route guidance is already active.

- **Calling up a current announcement:** Select Navi → RPT.

or

- Press ✱ favorite button if the button has been programmed with this function (▷ page 98).
- **Switching off navigation messages:** Press 🔇 during an announcement.

  You will see the message The driving instructions have been muted. for a short while.

ⓘ The announcements remain switched off even if you start a new route guidance or if COMAND is switched off/on with the ON button.

If you switch COMAND off by removing the SmartKey from the starter switch and then switch the ignition back on after more than 3 minutes, the announcements are automatically switched back on.

- **Switching navigation announcements back on manually:** Select Navi → RPT.
- **Adjusting volume of the messages:** Adjust the volume during an automatic announcement (▷ page 92).

or

- Call up an announcement manually using Navi → RPT and adjust the volume (▷ page 92).

COMAND navigation system (during route guidance)

Cancel route guidance

- ▶ Select `Destination` → `Cancel Route Guidance` in map view with the menu system displayed (▷ page 107).

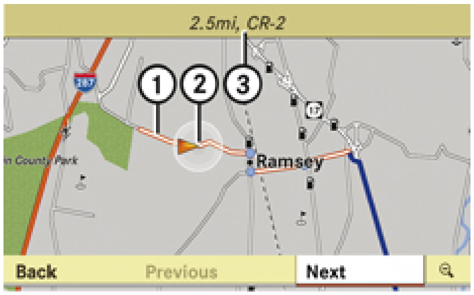
Continuing canceled route guidance

- ▶ Select `Destination` → `Continue Route Guidance` in map view with the menu system displayed (▷ page 107).
COMAND calculates the route.

Route browser

ℹ The route browser shows an overview of the route. You can use the route browser to move along the route section by section and view information about and details of each section of the route.

- ▶ Select `Route` → `Route Browser` in map view with the menu system displayed (▷ page 107).
The route browser appears.


2.5mi, CR-2
①
②
③
Ramsey
n County Park
17
Back
Previous
Next
🔍

P82.86-6127-31

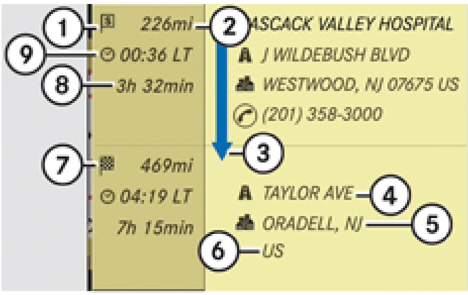
① Highlighted route section
② Current vehicle position; the triangle indicates the vehicle's direction of travel
③ Information about the highlighted route section

ℹ Information ③ about the marked route section shows the street name and the length of the route section. Marked route section ① is always highlighted in white and outlined in red.

- ▶ **Displaying next or previous route section:** Select `Next` or `Previous`.
- ▶ **Increasing or reducing size of the map:** Select ⊕ or ⊖.
- ▶ **Closing route browser:** Select `Back`.

Displaying info

- ▶ Select `Info` in map view with the menu system displayed (▷ page 107).
The route information appears.


①
②
③
④
⑤
⑥
⑦
⑧
⑨
226mi
00:36 LT
3h 32min
ASCACK VALLEY HOSPITAL
J WILDEBUSH BLVD
WESTWOOD, NJ 07675 US
(201) 358-3000
469mi
04:19 LT
7h 15min
TAYLOR AVE
ORADELL, NJ
US

P82.86-7343-31

Example illustration: Display with main destination and stopover

① Symbol ⚑ for stopover
② Distance to the destination
③ Sequence of destinations (appears with at least one stopover)
④ Street
⑤ City and abbreviation for province (Canada) or state (USA)
⑥ Country
⑦ Symbol 🏁 for main destination
⑧ Estimated driving time to the destination
⑨ Estimated arrival time

ℹ COMAND uses the time set in COMAND as the basis for calculating the estimated arrival time. The clock must be set correctly in COMAND (▷ page 96). The calculation of the estimated arrival time does not additionally take into account whether Daylight Saving Time or standard time is applicable at the destination. If the destination is in a different time zone, arrival time display ⑨ is in local time. This is indicated by LT in the display.

The following data cannot be seen until the route calculation has been completed:

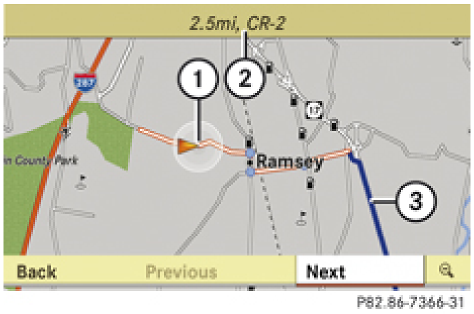
- Distance to destination ②
- Estimated arrival time ⑨
- Estimated remaining travel time ⑧

If the destination is located within a partially digitized area, the following data may differ from the facts:

- Distance to destination ②
- Estimated arrival time ⑨
- Estimated remaining travel time ⑧

Displaying route information

▶ Select Route → Route Info in map view with the menu system displayed (▷ page 107).
The route information appears.



P82.86-7366-31

① Highlighted portion of route
② Info for highlighted portion of route
③ Next portion of route

▶ **Closing route info:** Slide ←◎→ or press back button ↩ in the center console (▷ page 90).

▶ **Displaying next or previous route section:** Select Next or Previous.

▶ **Increasing or reducing size of the map:** Select ⊕ or ⊖.

▶ **Closing route browser:** Select Back.

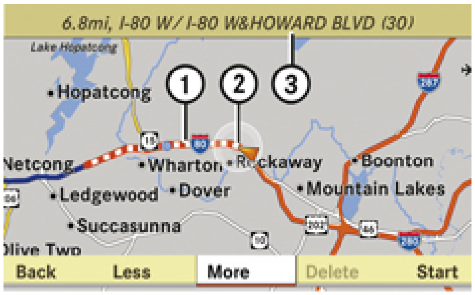
Detour function

ℹ The detour function blocks a section of the route ahead of you. You can set the length of the blockage. If possible, COMAND calculates a detour route.

ℹ The detour function may direct you to off-road routes. See Off-road and Off-map for additional routes and cautions (▷ page 142).

▶ Select Route → Detour in map view with the menu system displayed (▷ page 107).
The detour function display appears.

▶ **Setting length of the blockage:** Select More or Less until the desired length is set.


6.8mi, I-80 W/I-80 W&HOWARD BLVD (30)
Lake Hopatcong
Hopatcong
①
②
③
Netcong
Wharton
Rockaway
Boonton
Ledgewood
Dover
Mountain Lakes
Succasunna
Olive Twp
Back
Less
More
Delete
Start

P82.86-6129-31

① Blocked route section
② Current vehicle position; the triangle indicates the vehicle's direction of travel
③ Information about the blocked route section

ℹ Blocked route section ① is always highlighted in red/white. The information about blocked route section ③ shows which section of the route is blocked and the length of the blocked section.

- **Starting route calculation:** Select `Start`, see also (▷ page 127).
- **Deleting blockage:** Select `Navi` → `Route` → `Detour` → `Delete`.
- Select `Back`.

COMAND navigation system (real-time traffic)

Introduction

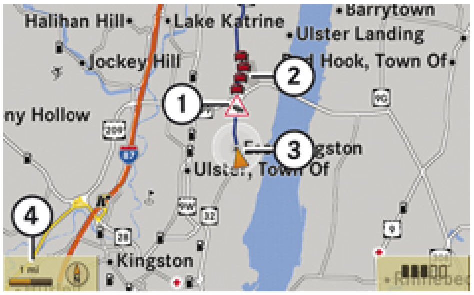
A RDS-TMC (Radio Data System-Traffic Message Channel) radio transmitter broadcasts traffic reports COMAND can receive and incorporate into the navigation system. Traffic report messages and map symbols can then be viewed in the COMAND display. Events displayed are those within receivable range of the vehicle's location.

ℹ Actual road and traffic conditions may be different from the received messages.

Real-time traffic notifications in the map

COMAND can display certain traffic events in the map. The notifications are shown at the map scales from 0.05 mi (50 m) to 500 mi (500 km).

- **Set the map scale:** Turn ◎ until the desired map scale is set.
Turning clockwise enlarges the map, turning counterclockwise reduces it.


Halihan Hill
Lake Katrine
Barrytown
Ulster Landing
Jockey Hill
Hook, Town Of
ny Hollow
①
②
③
④
Ulster, Town Of
Kingston
1 mi

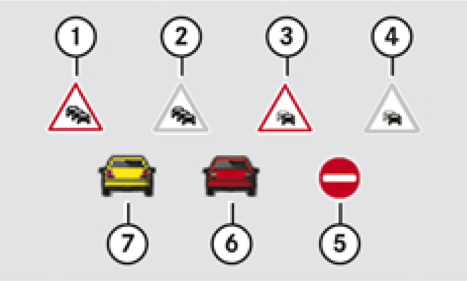
P82.86-7351-31

Example illustration: Display for a traffic jam on the route

① Symbol for event on the route
② Marker symbols for the affected route section
③ Current vehicle position and direction of travel
④ Map scale

ℹ COMAND marks the entire route section affected with appropriate symbols ②, independently of its actual length on the route section. Symbols ② are shown in the direction of travel on the left or right of the route.Thus, they also indicate which side of the roadway is affected by the event.

The following shows the possible symbol displays.



P82.86-6766-31

① Traffic jam on the route (symbol with red border)
② Traffic jam away from the route (symbol with gray border)
③ Stop-and-go traffic on the route (symbol with red border)
④ Stop-and-go traffic away from the route (symbol with gray border)
⑤ Blocked section on the route
⑥ Traffic jam
⑦ Stop-and-go traffic

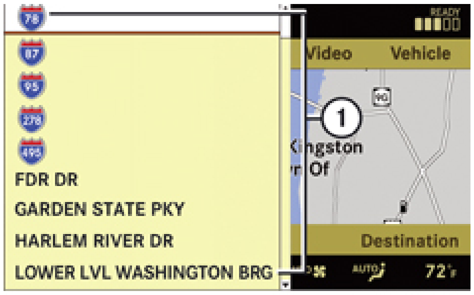
Displaying real-time traffic reports

Displaying the message list

▶ Select Navi → TMC.
COMAND searches for real-time traffic transmitters. When no traffic reports are present, you will see a display to this effect.

List for inactive route guidance

When route guidance is inactive, the list displays all streets for which messages are present.


78
87
95
278
495
FDR DR
GARDEN STATE PKY
HARLEM RIVER DR
LOWER LVL WASHINGTON BRG
READY
Video
Vehicle
1
Kingston
Of
Destination
AUTO
72°F

P82.86-9157-31

① Affected street list

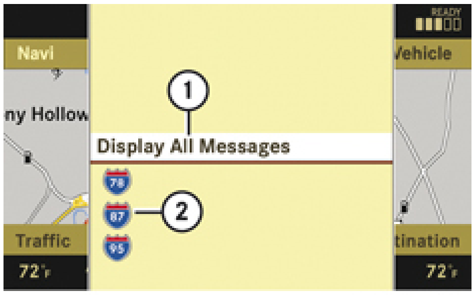
ℹ Instead of a street, an area or a region can also be affected by a message, for example, when visibility is limited due to fog.

▶ **Read a message:** Select a street.
You can find an example message on (▷ page 149).

▶ **Close the list:** Slide ←◎→.

List for active route guidance

When route guidance is active, the list displays only the streets which are part of the route and for which messages are present.

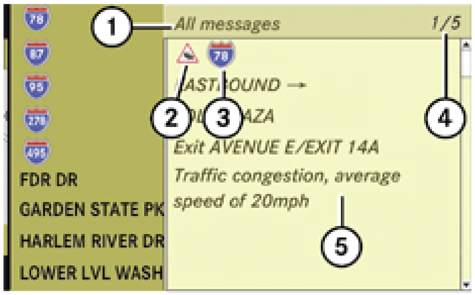

READY
Navi
Vehicle
ny Hollow
1
Display All Messages
78
87
95
2
Traffic
tination
72°F
72°F

P82.86-6768-31

① Show all messages (including those which do not affect the route)
② Affected streets (only shown when messages which affect the route are present)

- **Display all messages:** Select `Display All Messages`.
  All streets are shown for which messages are present, as well as for those which are not on the route.
- **Read a message:** Select a street.
  You can find an example message below.
- **Close the list:** Slide ←◎→ once or repeatedly.

Example message

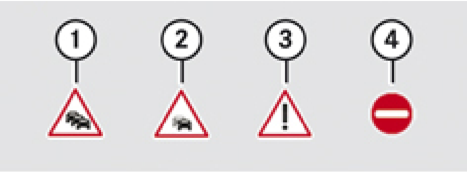


EASTBOUND →
PLAZA
Exit AVENUE E/EXIT 14A
Traffic congestion, average speed of 20mph

P82.86-8041-31

① Selection display (`Messages On Route` or `All messages`)
② Symbol for message event (e. g. traffic jam)
③ Street affected by the message
④ Message 1 of 5 for the affected street
⑤ Message text

The symbols for the possible message events are shown in the following.



P82.86-6770-31

① Traffic jam symbol
② Stop-and-go traffic symbol
③ Warning message symbol
④ Blocked section symbol

- **Scroll through the contents or to the next message:** Turn ⟲◎⟳ or slide ↑◎↓.

COMAND navigation system (destination memory)

Saving a destination in the destination memory

ℹ This function also saves the destination in the address book. There COMAND creates an address book entry containing complete, navigable address data. You can then select this entry in the address book and start navigation to the address.

Saving after the address has been entered

- Select “Save” after entering the address (▷ page 112).
  You can now select save options.

Saving during route guidance

- Select `Destination` → `Save Destination` during route guidance.
  You can now select save options.

Saving a destination from the list of last destinations

- ▶ Select `Navi` → `Destination` → `From Last Destinations`.
  The list of last destinations appears.
- ▶ Select desired destination.
  The address of the destination is displayed.
- ▶ Select `Save`.
  You can now select save options.

Selecting save options

Saving a destination without a name

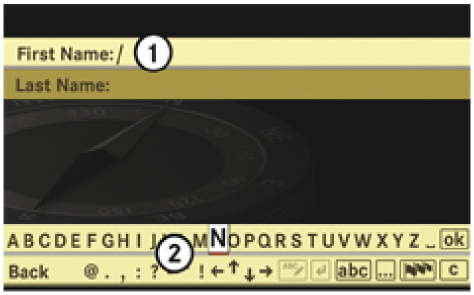
- ▶ Select `Save Without Name`.
  COMAND saves the destination in the destination memory and uses the address as the destination name.

or

- ▶ Select `Save as 'My Address'`.
- ▶ Select desired category, e. g. `Home`.
  COMAND saves the destination in the destination memory as your own address.

Saving a destination with a name

- ▶ Select `Save new entry`.
- ▶ Select desired category, e. g. `Home`.
  The input menu appears with the data fields and the input characters.



First Name: /

Last Name:

①
A B C D E F G H I J K L M N O P Q R S T U V W X Y Z _ ok
②
Back @ . , : ? ! ← ↑ ↓ → abc ... c

P82.86-5060-31

① Selected data field with input mark (cursor)

② Input characters

- ▶ **Entering data:** Proceed as described in the "Changing the data field" operating step in the "Creating a new address book entry" section (▷ page 175).

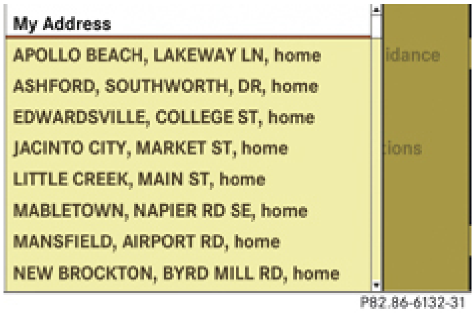
Assigning a destination to an address book entry

ℹ This function assigns the complete, navigable address data to an already existing address book entry. You can then select this entry in the address book and start navigation to the address from there.

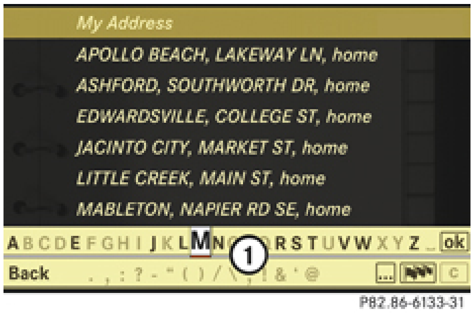
- ▶ Select `Assign Address Book Entry`.
- ▶ Select desired category, e. g. `Home`.
  The menu appears for searching for an address book entry.
- ▶ Select desired address book entry.
  Proceed as described in the "Searching for an address book entry" section (▷ page 176).
  If the selected address book entry does not yet contain any navigable address data, COMAND saves the data.
  If the selected address book entry already contains navigable address data, you will see a question asking you if the previous data should be overwritten.
- ▶ Select `Yes` or `No`.
  If you select `Yes`, COMAND saves the data.

Deleting a destination from the destination memory

- Select Navi → Destination → From Memory.
  Depending on the number of entries in the destination memory, you will see the destination memory list with or without input characters.


My Address
APOLLO BEACH, LAKEWAY LN, home
ASHFORD, SOUTHWORTH, DR, home
EDWARDSVILLE, COLLEGE ST, home
JACINTO CITY, MARKET ST, home
LITTLE CREEK, MAIN ST, home
MABLETOWN, NAPIER RD SE, home
MANSFIELD, AIRPORT RD, home
NEW BROCKTON, BYRD MILL RD, home
idance
tions
P82.86-6132-31

Example illustration: Destination memory list without input characters


My Address
APOLLO BEACH, LAKEWAY LN, home
ASHFORD, SOUTHWORTH DR, home
EDWARDSVILLE, COLLEGE ST, home
JACINTO CITY, MARKET ST, home
LITTLE CREEK, MAIN ST, home
MABLETON, NAPIER RD SE, home
A B C D E F G H I J K L M N
R S T U V W X Y Z
ok
①
Back
c
P82.86-6133-31

Example illustration: Destination memory list with input characters

① Input characters

- Select desired destination. Proceed as described for destination entry in the “Entering a destination from the destination memory” section (▷ page 128).
- Select Delete after selecting the destination to be deleted.
  A prompt appears asking whether you want to delete the destination.
- Select Yes or No.
  If you select Yes, COMAND deletes the destination.

ℹ If the navigable address data of the destination to be deleted has also been assigned to an address book entry, COMAND deletes the data there as well. If the corresponding address book entry does not contain any further data, such as telephone numbers, COMAND deletes the entire address book entry.

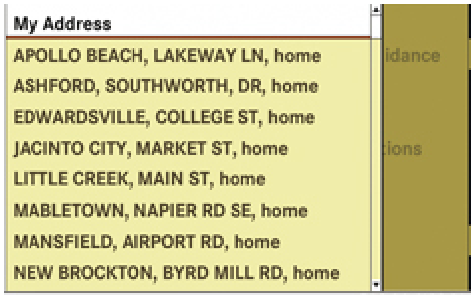
Own address

ℹ The destination memory always contains an entry called My Address. You can save your home address, for example, under this entry.

Assigning your address for the first time or changing your own address

Assigning and/or changing your own address

- Select Navi → Destination → From Memory.
  Depending on the number of entries in the destination memory, you will see the destination memory list with or without input characters.



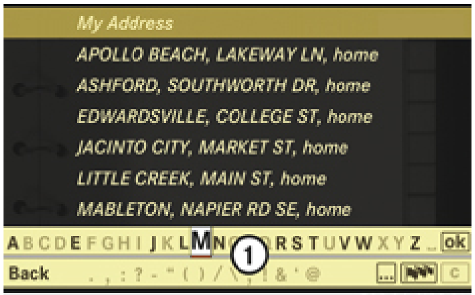
My Address

APOLLO BEACH, LAKEWAY LN, home
ASHFORD, SOUTHWORTH, DR, home
EDWARDSVILLE, COLLEGE ST, home
JACINTO CITY, MARKET ST, home
LITTLE CREEK, MAIN ST, home
MABLETOWN, NAPIER RD SE, home
MANSFIELD, AIRPORT RD, home
NEW BROCKTON, BYRD MILL RD, home

P82.86-6132-31

Example illustration: Destination memory list without input characters

In the destination memory list without input characters, the `My Address` entry is automatically highlighted.



My Address

APOLLO BEACH, LAKEWAY LN, home
ASHFORD, SOUTHWORTH DR, home
EDWARDSVILLE, COLLEGE ST, home
JACINTO CITY, MARKET ST, home
LITTLE CREEK, MAIN ST, home
MABLETON, NAPIER RD SE, home

A B C D E F G H I J K L M N R S T U V W X Y Z _ ok
Back . , : ? - " ( ) / \ ; & ' @
①

P82.86-6133-31

Example illustration: Destination memory list with input characters

① Input characters

In the destination memory list with input characters ①, the input characters are automatically activated.

- **Destination memory list without input characters:** Press ⊛ immediately.

or

- **Destination memory list with input characters:** Slide ↑◎ repeatedly until the input characters disappear.
  The list entry `My Address` is automatically highlighted as long as you have not entered any characters using the input characters.
  If you have entered characters from the list of input characters: Rotate ⟲◎⟳ or slide ↑◎ repeatedly until the list entry `My Address` is highlighted.
- Press ⊛.

Further operation depends on whether you want to enter the address manually or use an address book entry as your own address.

Entering an address manually

- **If you want to assign your own address for the first time:** Select `Save new entry`.

or

- **If you want to change your own address:** Select `Change` → `Save new entry`.

In both cases, the address input menu appears.

- Enter the address. Proceed as described for destination entry in the “Entering a destination by address” section (▷ page 112).
- Select `Save` after entering the address. Your address is saved.

Using the address book entry as your own address

- **If you want to assign your own address for the first time:** Select `Assign Address Book Entry`.

or

- **If you want to change your own address:** Select `Change` → `Assign Address Book Entry`.

In both cases, the menu appears for searching for an address book entry.

- Select desired address book entry.
  Proceed as described in the "Searching for an address book entry" section (▷ page 176).
  Once the address data is complete and if it matches the digital map data, COMAND saves the entry as your own address in the destination memory.

  If address data is still missing or if it cannot be found on the digital map, a message appears indicating that the address is incomplete.
- **Closing message:** Select `OK`.

ⓘ In the address book entry, the city and street must be spelled in the same way as the destination entry so that the data matches the digital map data.

In order for the state (USA) or province (Canada) to match the map data, you may either enter the entire name or the abbreviation in the address book.

Examples:

- Florida or FL
- Colorado or CO
- Alberta or AB
- Ontario or ON

Depending on which data is missing or cannot be found on the digital map, you must now either:

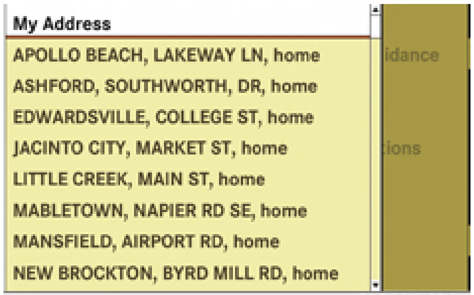
- select a state (USA) or province (Canada)
- or enter a city
- or enter a street
- or enter a house number

- **Selecting a state (USA) or province (Canada):** Select desired state (USA) or province (Canada) from the list.
- **Entering a city:** Proceed as described for destination entry in the "Entering a city" section (▷ page 116).
- **Entering a street:** Proceed as described for destination entry in the "Entering a street" section (▷ page 119).
- **Entering a house number:** Proceed as described for destination entry in the "Entering a house number" section (▷ page 123).
  If all data is available and matches the digital map data, you can save the address.
- **Saving:** Select `Save`.

Displaying your own address

- Select `Navi` → `Destination` → `From Memory`.
  The destination memory list appears either with or without the input characters. Whether the input characters appear depends on the number of entries in the destination memory.
- Press ◎.

Destination memory list without input characters



My Address
APOLLO BEACH, LAKEWAY LN, home
ASHFORD, SOUTHWORTH, DR, home
EDWARDSVILLE, COLLEGE ST, home
JACINTO CITY, MARKET ST, home
LITTLE CREEK, MAIN ST, home
MABLETOWN, NAPIER RD SE, home
MANSFIELD, AIRPORT RD, home
NEW BROCKTON, BYRD MILL RD, home

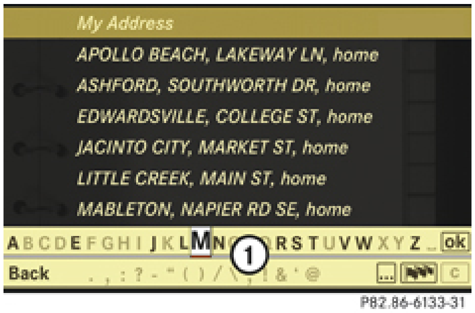
P82.86-6132-31

In the destination memory list without input characters, the `My Address` entry is automatically highlighted.

▷▷

- Press ⊛.
  If your own address has already been assigned, you will see the menu for starting route guidance with your own address data.
- **Exiting menu:** Select Back.

Destination memory list with input characters



My Address
APOLLO BEACH, LAKEWAY LN, home
ASHFORD, SOUTHWORTH DR, home
EDWARDSVILLE, COLLEGE ST, home
JACINTO CITY, MARKET ST, home
LITTLE CREEK, MAIN ST, home
MABLETON, NAPIER RD SE, home

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z _ ok
Back . , : ? - " ( ) / \ ; ! & ' @
...
c
①
P82.86-6133-31

① Input characters

In the destination memory list with input characters ①, the input characters are automatically activated.

- Slide ↑◎ repeatedly until the input characters disappear.
  The list entry My Address is automatically highlighted as long as you have not entered any characters using the input characters.

If you have entered characters from the list of input characters: Rotate ⟲◎⟳ or slide ↑◎ repeatedly until the list entry My Address is highlighted.

- Press ⊛.
  If your own address has already been assigned, you will see the menu for starting route guidance with your own address data.
- **Exiting menu:** Select Back.

COMAND navigation system (last destinations)

ℹ COMAND automatically saves the last destinations for which the route calculation was launched. It is stored in the “last destinations” memory. If this memory is full, COMAND deletes the oldest destination. You can also save one destination from the list of last destinations in the destination memory. It will be saved there permanently.

Saving a destination permanently in the destination memory

- Proceed as described in the “Saving a destination from the list of last destinations” section (▷ page 150).

Saving the vehicle position in the list of last destinations

- ▶ **Centering map on the vehicle's position:** Select Navi → Position → Vehicle Position Map.
- ▶ **Saving:** Select Navi → Position → Save Position.
  COMAND saves the current vehicle position as a destination in the list of last destinations.

Saving the cross hair position in the list of last destinations

ⓘ If you have manually moved the map, you will see a cross hair on the map (▷ page 107). You can save the cross hair position as a destination in the list of last destinations.

- ▶ **Showing menu system, if necessary:** Press ⊙.
- ▶ Select Position → Save Position.
  COMAND saves the cross hair position as a destination in the list of last destinations.

Deleting one of the last destinations

- ▶ Select Navi → Destination → From Last Destinations.
  The list of last destinations appears.
- ▶ Select desired destination.
  The address of the destination appears.
- ▶ Select Delete.
- ▶ Select Yes or No.

COMAND telephone

Safety notes

⚠ Warning!

Some jurisdictions prohibit the driver from using a cellular telephone while driving. Whether or not prohibited by law, for safety reasons, the driver should not use the cellular telephone while the vehicle is in motion. Stop the vehicle in a safe location before placing or answering a call.

If you nonetheless choose to use the mobile phone[4] while driving, please use the handsfree feature and be sure to pay attention to the traffic situation at all times. Use the mobile phone only when road, weather and traffic conditions permit. Otherwise, you may not be able to observe traffic conditions and could endanger yourself and others.

Bear in mind that at a speed of just 30 mph (approximately 50 km/h), your vehicle is covering a distance of 44 feet (approximately 14 m) every second.

⚠ Warning!

Never operate radio transmitters equipped with a built-in or attached antenna (i.e.

▷▷

---

[4] Observe all legal requirements

without being connected to an external antenna) from inside the vehicle while the engine is running. Doing so could lead to a malfunction of the vehicle’s electronic system, possibly resulting in an accident and/or serious personal injury.

General notes

ℹ USA only:
This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference, and
2. this device must accept any interference received, including interference that may cause undesired operation.

Any unauthorized modification to this device could void the user’s authority to operate the equipment.

ℹ Canada only:
This device complies with RSS-210 of Industry Canada. Operation is subject to the following two conditions:

1. This device may not cause interference, and
2. this device must accept any interference received, including interference that may cause undesired operation of the device.

Any unauthorized modification to this device could void the user’s authority to operate the equipment.

Calls disconnected while the vehicle is in motion

A call may be disconnected if:

- there is insufficient network coverage
- you move from one transmitter/receiver area (cell) into another and no channels are free or the cell is full

Operating options

ℹ The components and operating principles of COMAND can be found on (▷ page 82).

ℹ Various mobile phone cradles can be installed in the front center armrest, see separate installation instructions for the mobile phone cradle. These mobile phone cradles can be obtained from an authorized Mercedes-Benz Center. For more information about telephone (▷ page 424) and (▷ page 248).

When the mobile phone is inserted in the cradle, you can operate the telephone using the following devices:

- mobile phone keypad
- COMAND telephone keypad
- buttons ☎ and ☎ on the multifunction steering wheel (▷ page 237)
- Voice Control (▷ page 265)
- Bluetooth® headset (▷ page 168)

Please note that these functions are only available with Mercedes-Benz approved mobile phones. Please contact an authorized Mercedes-Benz Center for information on features available for your mobile phone of choice.

You can control other functions of the mobile phone via the COMAND, instrument cluster control system (▷ page 248) or Voice Control.

ℹ In order for the functions described in this section to work correctly, the Bluetooth® headset must be linked to COMAND (▷ page 184). Please make sure any Bluetooth® headset linked with the mobile phone is switched off or that the headset is linked with COMAND before you insert the mobile phone in the cradle, see separate installation instructions for the cradle, and use the telephone functions with COMAND.

The descriptions in this section assume that the mobile phone is inserted in the cradle. Exceptions to this are clearly stated.

Unless otherwise indicated, the descriptions and illustrations in this section refer to COMAND and the telephone keypad. Operation using the mobile phone and Bluetooth® headset is described in the respective separate Operating Instructions.

Caller ID

COMAND can display the telephone number and the name of the caller, e. g. for an incoming call and also in other menus or displays.

For the telephone number to be displayed, the caller must transmit their telephone number.

This is also the case for name displays. For this, the telephone number and the name of the caller must also be saved in the mobile phone book.

Functional restrictions

You will not be able to use the telephone, or you may have to wait a while, in the following situations:

- If the telephone has not yet logged into the network.

  The telephone automatically tries to log into a network. If no network is available, you will also not be able to make a “911” emergency call. If you attempt to make an outgoing call, the `No Service` message will appear for a short while.
- If the mobile phone is not inserted in the cradle.
- SIM card is not inserted in GSM type phone.

ℹ A roof cargo container may impair mobile phone reception. In an emergency, remove the mobile phone from the mobile phone cradle, see separate installation instructions for the cradle, to make a call.

Notes about COMAND telephone features using a Bluetooth® connection

Many of the Mercedes-Benz approved mobile phones, cradles and adaptors available for use in your vehicle utilize Bluetooth® technology to communicate with each other and the vehicle. Depending on your phone brand and model, the number of in-vehicle or on-display COMAND telephone features supported via Bluetooth® communication, and thus available for your use, may vary.

The descriptions and illustrations in this section are based on the use of fully compatible Mercedes-Benz approved mobile phones and cradles that do not utilize Bluetooth® technology to communicate with each other. If your vehicle is equipped with integrated Bluetooth® functionality, a Bluetooth® capable mobile phone, headset, Laptop, PDA, etc. is required to utilize those features.

For additional information about Mercedes-Benz approved Bluetooth® mobile phones and related accessories please contact the Mercedes-Benz Customer Assistance Center

▷▷

at 1-800-FOR-MERCedes or the nearest authorized Mercedes-Benz Center.

Switching telephone on or off

▶ **Switching on:** Insert mobile phone into cradle when COMAND is switched on.

or

▶ Switch on the mobile phone (see mobile phone operating instructions).

▶ **Switching off:** Select `Telephone` → `Telephone` → `Telephone OFF`.

or

▶ Switch off mobile phone (see mobile phone operating instructions).

Activating telephone mode

▶ Select `Telephone` → `Telephone`.

or

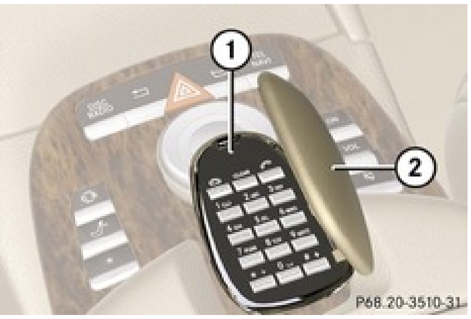
▶ Press ☎ on telephone keypad.

or

▶ Press the TEL NAVI shortcut button once or twice.

ℹ The number of times you have to press the TEL NAVI shortcut button depends on the operating mode currently selected.

Telephone keypad



① Telephone keypad
② Folding cover

With the telephone keypad you can:

- Enter and clear numbers and special characters.
- Reject, accept, connect and end calls.

▶ **Entering characters:** Select `Telephone`.

▶ Fold up cover ②.

▶ Enter characters using the 1 - # buttons.

ℹ You can enter the * character by pressing * + once. Pressing this button again within 1.5 seconds enters the **+** character.

▶ **Deleting individual characters:** Press CLEAR.

▶ **Deleting an entire word or number:** Press and hold CLEAR until the word or number is deleted.

“911” emergency call

ℹ The “911” emergency call system is a public service. Using it without due cause is a criminal offense.

ℹ This function places a call to the local “911” provider. It does not initiate a Tele Aid call.

The following conditions must be fulfilled in order to make a “911” emergency call:

- The phone is switched on.
- A mobile network is available.
- There is a valid SIM card in the phone (not necessary in all mobile networks).

ℹ If no SIM card is inserted in the mobile phone, you can only initiate a “911” emergency call by using COMAND and the mobile phone.

If you cannot make an emergency call, you must initiate rescue measures yourself. The “911” emergency call is a public service. Any misuse is punishable by law.

ℹ A roof cargo container may impair mobile phone reception. In an emergency, remove the mobile phone from the mobile phone cradle, see separate installation instructions for the cradle, to make a call.

Placing a “911” emergency call before entering PIN/PIN2, PUK/PUK2 or unlock code

Entering the number using the COMAND controller

- Select Telephone → Dial 911.

Entering the number using the telephone keypad

- Enter digits 9-1-1 (▷ page 158).
- Press ☎.

Placing a “911” emergency call after entering PIN/PIN2, PUK/PUK2 or unlock code

Entering the number using the COMAND controller

- Select Telephone.
- Select all the digits in sequence.
- Select ☎.

Entering the number using the telephone keypad

- Enter digits 9-1-1 (▷ page 158).
- Press ☎.

Confirming the emergency call

After the digits have been entered, you will see the question Do you want to dial the 911 emergency number?.

- Use COMAND controller to select Yes. The telephone makes the connection.
- Wait until the emergency call center answers and describe the emergency situation.

Entering the PIN

ℹ Your PIN code (Personal Identification Number code) prevents unauthorized persons from using your GSM mobile phone. The PIN code is a number string, which you have to enter when switching on the telephone.

The PIN entry applies only to GSM mobile phones.

Entering using the COMAND controller

- Select Telephone.
- **Entering:** Select all the digits in sequence.
- **Deleting a digit:** Select c and briefly press ⊛.
- **Deleting an entire number:** Select c and press and hold ⊛ until the number is deleted.
- **Confirming an entry:** Press ⊛.

Entering using the telephone keypad

- **Entering:** Enter digits using the 0 - 9 WXYZ buttons (▷ page 158).
- **Confirming an entry:** Press ⊛ or press ☎.

COMAND telephone

Entering the PIN2

ℹ The PIN2 entry applies only to GSM mobile phones.

The phone may request the PIN2 in order to use certain functions. A corresponding message appears in the display.

▶ Enter PIN2 digits into mobile phone.

Entering the PUK/PUK2

ℹ The PUK/PUK2 entry (Personal Unblocking Key) applies only to GSM mobile phones.

If you enter the PIN or PIN2 incorrectly three times, the SIM card will be locked. A corresponding message appears in the display. It is necessary to enter the PUK/PUK2 to unlock it. The PUK and/or PUK2 are provided by your telephone service provider.

▶ Enter PUK/PUK2 digits into mobile phone.

Entering the unlock code

Many mobile phones can be protected from unauthorized use with an unlock code (see mobile phone operating instructions). If you wish to use the phone functions when the unlock code is active, a screen appears requesting that you enter the unlock code. You cannot use the phone functions (except "911" emergency call) until you have entered the unlock code.

▶ Proceed in the same way as entering the PIN (▷ page 159).

Telephone submenu overview

ℹ The components and operating principles of COMAND can be found on (▷ page 82).

Name (only when the mobile phone is inserted in the cradle)	Data/Connections	Call lists (not during a call)	Text message (not during a call)	DTMF (only during a call)	Mic OFF/ON (only during a call)
Display COMAND phone book	- Address book - Bluetooth®	Display call list selection: - Calls received - Calls dialed	Call up SMS inbox	Send numerical sequence	Switch hands-free microphone on/off

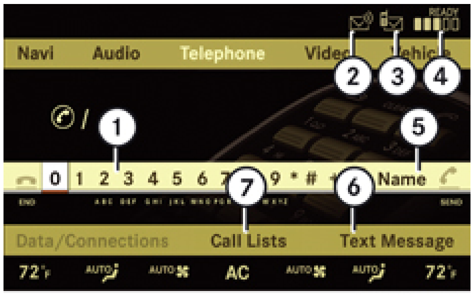
Main telephone menu

- **Calling up main menu:** Select `Telephone`.

or

- Press ☎ on the telephone keypad (▷ page 158).

ℹ If you press ☎ when the main telephone menu has already been called up, the `Calls Dialed` list will appear (▷ page 162).


READY
Navi
Audio
Telephone
Video
Vehicle
2
3
4
1
5
0 1 2 3 4 5 6 7 8 9 * #
Name
7
6
END
SEND
Data/Connections
Call Lists
Text Message
72°F
AUTO
AUTO
AC
AUTO
AUTO
72°F

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①	Numbers/characters to enter telephone number
②	Symbol ✉ for new voice message in mailbox
③	Symbol ✉ for unread SMS messages in SMS inbox (▷ page 186)

④	Signal strength and network status display - Network status `READY` = mobile phone is logged in with its own provider's network - Network status `READY ROAM` = mobile phone is logged in with another provider's network - Network status `No Service` = No network available
⑤	To show COMAND phone book (`Name`) (▷ page 169)

⑥	To call up text message (SMS) (▷ page 186)
⑦	To display call list selection (▷ page 162)

Mailbox

The symbol ✉ in the example illustration above indicates that your mailbox contains new voice messages. You will have to call the mailbox in order to retrieve the messages.

You can call your mailbox by:

- speed dialing (▷ page 166)
- entering a telephone number using the telephone keypad (▷ page 165)
- entering the telephone number using the COMAND controller (▷ page 165)

ℹ Once connection with your mailbox has been established, the mailbox system will guide you through the next steps.

Call lists

COMAND can display the following calls in separate lists:

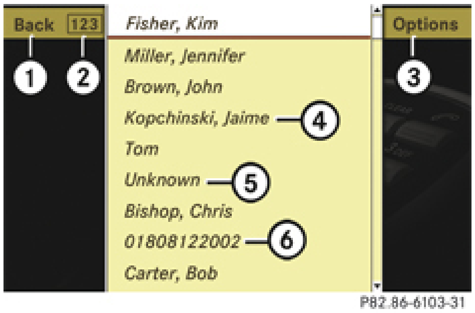
- Calls received
- Calls dialed

Calling up a list

▶ Select `Call Lists` from main telephone menu.

▶ Select `Calls Received` or `Calls Dialed`.
The corresponding list appears.

ℹ The `Calls Received` and `Calls Dialed` menu items do not function if the respective list has no entries. The `Call Lists` menu item does not function if neither list has any entries.



Example illustration: List of calls received

① To close list
② To switch list display (123 or ABC)
③ To call up options
④ Name or telephone number of a caller
⑤ Unknown caller
⑥ Telephone number of a caller

ℹ In the list of calls received, you will see the name of caller ④ if

- the caller transmitted the telephone number
- the name and telephone number are saved in the COMAND address book or in the phone book on the mobile phone
- the telephone number is saved in the same way in which the caller transmits it

You will see the telephone number of caller ⑥ if

- the caller transmitted the telephone number
- no caller data is saved in either the COMAND address book or the phone book on the mobile phone

An unknown caller ⑤ has not transmitted his or her telephone number.

ℹ In the list of dialed calls, you will see the name of the person called if you have saved his or her telephone number and name in the COMAND address book or in the phone book on the mobile phone. If no data has been saved, you will see the telephone number.

- **Switching to list display:** Select `123` or `ABC`.
  The display changes to telephone number or name display.
- **Closing list:** Slide ←◎→ and select `Back`.
- **Selecting a list entry:** Slide ↑◎↓ or rotate ⟲◎⟳ and select entry.

Displaying details of a list entry

COMAND can also show a shortened list entry in its entirety.

- Select list entry (▷ page 162).
- Slide ←◎→ and select `Options` → `Details`.
  The detailed view appears.
- **Closing detailed view:** Slide ↑◎↓ or ←◎→ or press ↶.

Saving a list entry in the address book

ℹ List entries that show a telephone number are neither saved in the COMAND address book, nor in the phone book on the mobile phone. You can save such entries in the COMAND address book. You can also save list entries in the COMAND address book which have already been saved in the phone book on the mobile phone.

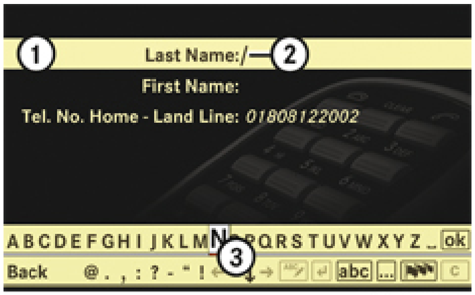
Saving as a new entry in the COMAND address book

- Slide ←◎→ or rotate ⟲◎⟳ and select list entry (▷ page 162).
- Select `Options` → `Save` → `New Entry`.

ℹ `Save` does not function if the selected list entry is already saved in the COMAND address book.

- Select a number category, e. g. `Home`.
- Select a telephone category, e. g. `Land Line`.
- Select `Save`.
  The input menu appears with the data fields. The data field for the telephone number is filled in automatically. The data field for the last name is also filled in automatically if the entry to be saved contains a name.
- **If you would like to save the entry now:** Select `ok` .

▷▷



Last Name:/

First Name:

Tel. No. Home - Land Line: 01808122002

①
②
③
A B C D E F G H I J K L M N O P Q R S T U V W X Y Z _ ok
Back @ . , : ? - " ! abc C

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① Data field

② Input mark (cursor)

③ Input characters

- **If you want to change the available characters:** Proceed as described in the “Changing data field” paragraph in the “Assigning a New Entry in the Address Book” section (▷ page 171).

Adding to an existing entry in the COMAND address book

- Slide ←◎→ or rotate ⟲◎⟳ and select list entry (▷ page 162).
- Select `Options` → `Save` → `Add`.

ℹ `Save` does not function if the selected list entry is already saved in the COMAND address book.

- Select a number category to add, e. g. `Home`.
- Select a telephone category to add, e. g. `Land Line`.
- Select `Save`.
  The search menu for COMAND address book entries appears.
- Search for desired entry.

ℹ There is a detailed description of searching for an COMAND address book entry in the “Searching for an address book entry” section (▷ page 176).

- Press ↶ when you have finished searching.
  COMAND saves the data if there are fewer than four numbers assigned to the entry you are searching for in the selected number category.

  If four numbers are saved for the entry you are searching for, a prompt will appear asking whether you want to overwrite one of the existing numbers.

- Select `Yes` or `No`.
  If you select `Yes`, a selection list will appear containing the four existing numbers.
- Select the number to be overwritten.
  COMAND overwrites the selected number with the new data.

Incoming call

Rejecting or accepting the call

- **Rejecting:** Select `Reject`.

or

- Press ☎ on the telephone keypad or on the multifunction steering wheel.

ℹ If you have a CDMA/TDMA mobile phone and reject a call, only the ring tone will stop. The call itself can only be ended by the caller.

- **Accepting:** Select `Accept`.

or

- Press ☎ on the telephone keypad or on the multifunction steering wheel.

or

- Press OFF on the multifunction steering wheel.

- Use the mobile phone (see mobile phone operating instructions).

or

- Use the Bluetooth® headset (see headset operating instructions).

ⓘ The use of a Bluetooth® headset requires Bluetooth® to be activated and the Bluetooth® headset to be authorized (▷ page 184).

If you have accepted the call using COMAND, the telephone keypad, the multifunction steering wheel or the mobile phone, the call will be conducted via the hands-free system. The volume of the call can be adjusted (▷ page 92).
If you have accepted the call using the Bluetooth® headset, the call will be conducted via the headset.
Further operating functions can be found in the “Functions during a single-call connection” section (▷ page 167).

You can also accept a call if the COMAND display is showing a screen other than the telephone mode screen. After accepting the call, you will see the caller’s data in a window.

- **Closing window:** Slide ↑◎↓ or ←◎→ or press ⊛.

Making an outgoing call

ⓘ If you place an outgoing call and receive a busy signal, the telephone automatically starts to redial as long as the provider and the mobile phone support this function (see mobile phone operating instructions).
While the call is connecting, you can also send character strings (▷ page 167).

Entering the telephone number using the COMAND controller

- **Switching screen to telephone mode:** Call up main telephone menu (▷ page 161).
- **Entering digits:** Select desired digits by rotating ⟲◎⟳ or sliding ←◎→ and press ⊛.
- **Deleting individual digits:** Select c and briefly press ⊛.
- **Deleting an entire telephone number:** Select c and press and hold ⊛ until the telephone number is deleted.
- **Connecting a call:** Select ☎.

Entering a telephone number using the telephone keypad

- **Switching screen to telephone mode:** Call up main telephone menu (▷ page 161).
- Use telephone keypad to enter digits.

ⓘ A detailed description of how to enter digits using the telephone keypad can be found on (▷ page 158).

- **Connecting a call:** Press ☎.

Redial

- **Switching screen to telephone mode:** Call up main telephone menu (▷ page 161).
- Use COMAND controller to select ☎.

or

- Press ☎ on the telephone keypad (▷ page 158).
  The list of dialed numbers appears. The most recently dialed number is at the top.
- Select desired entry.
- **Connecting a call:** Press ⊛.

ⓘ If the list of dialed calls contains no entries, the ☎ menu item cannot be

▷▷

selected and the ☎ button on the telephone keypad does not function.

Placing a call to a call list entry or COMAND phone book entry

- Call up a call list and select an entry (▷ page 162).

or

- Call up COMAND phone book and select an entry (▷ page 169).
- **Connecting a call:** Press ⊛.

Speed dialing

You can save telephone numbers in the speed-dial preset locations on the mobile phone and call up the speed-dial presets (see mobile phone operating instructions).

ℹ By default, the mailbox number is preset in the speed dial memory unless you have modified it. For more information on the mailbox (▷ page 162).

You can also call up speed-dial numbers using COMAND.

ℹ Operation during call connection depends on the speed-dial preset position called up.

Calling up speed-dial presets using the COMAND controller

- **Switching screen to telephone mode:** Call up main telephone menu (▷ page 161).
- **Entering number of a speed-dial preset:** Select all the digits in sequence.

  Deleting individual digits: Select c and briefly press ⊛.

  Deleting entire number: Select c and press ⊛ until the number is deleted.
- **Connecting a call (speed-dial presets 1 - 99):** Select ☎.

or

- **Connecting a call (speed-dial presets 100 - 999):** Select # after the digits → ☎.

  In both cases, the telephone connects the call to the saved telephone number. If the speed-dial memory contains no telephone numbers, you will see a corresponding message.
- **Deleting message:** Press ⊛.

Calling up speed-dial numbers using the telephone keypad

- **Switching screen to telephone mode:** Call up main telephone menu (▷ page 161).
- **Single-digit numbers:** Press and hold the 1 - 9 WXYZ buttons.

or

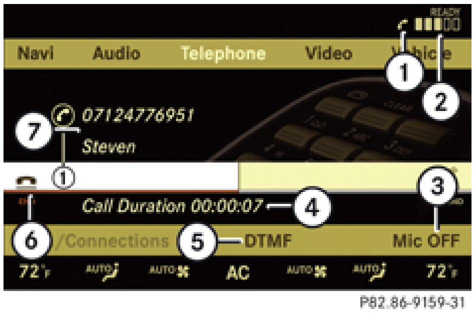
- **Single- and two-digit numbers:** Enter number using the 1 - 9 WXYZ buttons.
- Press ☎.

or

- **Three-digit numbers:** Enter number using the 1 - 9 WXYZ buttons.
- Press #, and then ☎.

  In all three cases, COMAND connects the call to the saved telephone number. If the speed-dial memory contains no telephone numbers, you will see a corresponding message.
- **Deleting message:** Press ⊛.

Functions during a single-call connection


Navi
Audio
Telephone
Video
Vehicle
07124776951
Steven
Call Duration 00:00:07
/Connections
DTMF
Mic OFF
72°F
AC
1
2
3
4
5
6
7
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Example illustration: Telephone mode during a call

① Symbol ✆ for active telephone connection (also visible in other operating modes)
② Signal strength display
③ To switch hands-free microphone on or off
④ Length of call display
⑤ To send character strings
⑥ To end a call
⑦ Person you are calling

ℹ The name of the person you are speaking with can only be seen in display ⑦ if his or her telephone number and name have been saved in the COMAND address book or phone book on the mobile phone. The telephone number must also be saved in the same way in which the person you are talking to transmits it.

Switching the hands-free microphone on or off

- **Switching screen to telephone mode:** Call up main telephone menu (▷ page 161).
- **Switching off microphone:** Select `Mic OFF` and press ⊚.

or

- Press 🔇 shortcut button.
  If the microphone is switched off, the ⊗ symbol appears in the main area.
- **Switching on microphone:** Select `Mic ON`.

or

- Press 🔇 shortcut button.
  The ⊗ symbol disappears.

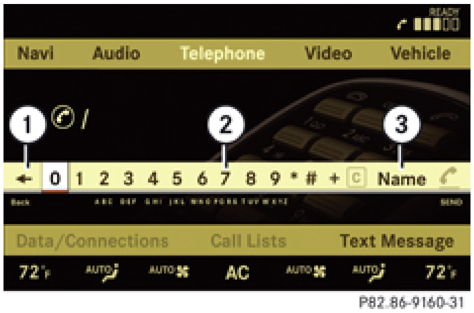
Sending a character string via DTMF

ℹ This function is not possible with every mobile phone. If the mobile phone supports the function, you can use it during the call connection and also during a call.

Answering machines or other devices can be controlled by character strings (e. g. for remote query functions).

Sending character strings via the DTMF menu

- During a call, select `DTMF`.
  The DTMF dialing display appears.


Navi
Audio
Telephone
Video
Vehicle
0 1 2 3 4 5 6 7 8 9 * # +
Name
Data/Connections
Call Lists
Text Message
72°F
AC
1
2
3
P82.86-9160-31

① Back to the call display
② Character entry
③ To call up the phone book

- **Sending individual characters:** Rotate ⟲◎⟳ or slide ←◎→ and select desired character.
  Each character you select can be seen in the main area and is sent immediately.
- **Sending a phone book entry as a character string:** Select `Name`.
- Select desired phone book entry.
  The entry is immediately sent as a character string.

ℹ Telephone numbers containing the **+** character may impair the function.

- **Switching back to the call display:** Select ←.

Sending character strings via the telephone keypad

- Press corresponding button on telephone keypad.
  Each character you select is immediately sent.

ℹ The **+** character may impair the function.

Ending an active call

- **Ending a call:** Select ☎ `END` in the call display.

or

- Press ☎ on the telephone keypad or on the multifunction steering wheel.
  The COMAND display will change to the previously selected display, if applicable.

Transferring a call

From the hands-free system to the Bluetooth® headset

ℹ The use of a Bluetooth® headset requires Bluetooth® to be activated and the Bluetooth® headset to be authorized (▷ page 184).

The call transfer is controlled by pressing the PTT button on the Bluetooth® headset (see headset operating instructions). Normally, it is sufficient to press the PTT button once, but under certain circumstances you may have to press it a second time.

Once the call has been transferred to the Bluetooth® headset, all the functions will be available to you which are described in the “Functions during a single-call connection” section (▷ page 167).

Exception: “Switching the hands-free microphone on or off” function (▷ page 167).

From the Bluetooth® headset to the hands-free system

On most Bluetooth® headsets, you press the PTT button on the headset twice quickly to transfer the call (see headset operating instructions).

From the hands-free system to the mobile phone

- **If the mobile phone has a folding upper section:** Flip upper section open.
- Take mobile phone out of cradle.
  The `No telephone inserted` message appears on the COMAND display.
  Subsequent operation is only possible using the mobile phone.

From the mobile phone to the hands-free system

- Insert mobile phone into cradle.
  Once the call has been transferred to the hands-free feature, all the functions will be

available to you which are described in the “Functions during a single-call connection” section (▷ page 167).

COMAND phone book

The COMAND phone book contains both the COMAND address book entries and mobile phone entries that have at least one telephone number.

The COMAND address book entries are permanently available even when a mobile phone is not inserted in the cradle.

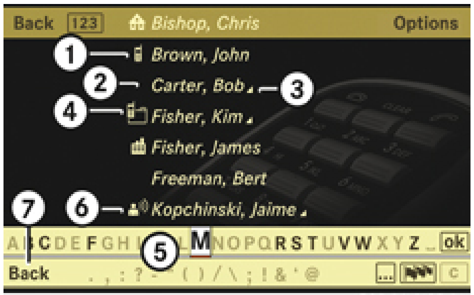
When the mobile phone is inserted in the cradle, COMAND will read the phone book entries in the mobile phone and compares them with the COMAND address book entries.

If any of the telephone numbers of a phone book entry in the mobile phone are the same as an address book entry, COMAND will only display the address book entry.

If the entries are not the same, the COMAND phone book will show the phone book entry in the mobile phone.

Calling up the COMAND phone book

- ▶ Select `Telephone` → `Name`.
  The COMAND phone book appears.



Example illustration: Phone book with name display and smart speller activated

① Category symbol 📱
② Upper entry from address book (without category symbol)
③ Symbol ◢ for several telephone numbers (subentries) under the main entry
④ Symbol 📱 for summarized entries from the mobile phone with the same name but different telephone numbers
⑤ Smart speller
⑥ Voice 🗣 entry symbol
⑦ To close the phone book

Entries with category symbol ① come from the mobile phone. The following category symbols are possible:

- 📱 = symbol for `Mobile` category
- 🏠 = symbol for `Home` category
- 🏢 = symbol for `Work` category
- 📠 = symbol for `Fax` category
- 📟 = symbol for `Pager` category
- ☎ = symbol for `Main` category or for unknown category or for phone entries that are saved on the SIM card of a GSM mobile phone

Entries without a category symbol or with the 🗣 symbol come from the COMAND address book.

Entries with the 🗣 symbol contain a voice entry. Voice entries can be added to the address book (▷ page 174). This function is available in vehicles with Voice Control.

▷▷

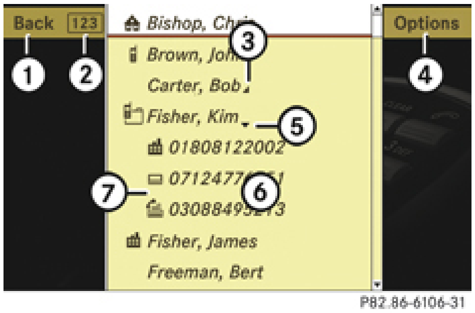
COMAND telephone

Switching between the smart speller and the list

- ▶ **Switching from the smart speller to the list:** Slide ↑◎ repeatedly or press ◎ until the smart speller is hidden.

or

- ▶ Rotate ⟲◎⟳ or slide ←◎→ and select ok .
  The smart speller is hidden.



Example illustration: List of phone book entries with name display and hidden smart speller

① Back to smart speller
② To switch phone book display (123 or ABC)
③ Symbol ◢ for several telephone numbers (subentries) under the main entry, subentry list is closed
④ To call up options
⑤ Symbol ▼ for open subentry list
⑥ List of phone book entries
⑦ Subentry list with category symbols and telephone numbers

ⓘ The following options are available under `Options` menu item ④:

- Displaying details about an entry (▷ page 171)
- Creating a new entry in the address book (▷ page 171)
- Deleting an entry (▷ page 172)
- Saving a phone book entry from mobile phone in the address book (▷ page 173)
- Adding a telephone number to an address book entry (▷ page 174)

- ▶ **Switching from the list to the smart speller:** Select `Back` from the list.

or

- ▶ Press back button ↩ in the center console (▷ page 90).

- ▶ **Changing phone book display in the list:** Select 123 or ABC.
  The screen changes to telephone number or name display.

Closing the COMAND phone book

- ▶ In the smart speller, select `Back`.

or

- ▶ Press back button ↩ in the center console (▷ page 90).

Selecting an entry in the COMAND phone book

Selecting entries using the smart speller

- ▶ Switch from the list to the smart speller if necessary.
- ▶ **Changing smart speller language:** Select ⚑.
- ▶ Select desired language.
- ▶ **Changing smart speller character set:** Select •••.
  Depending on the previous setting, you will change to letters with special characters or to numbers with special characters.

- **Entering characters:** Select the characters of the entry you are searching for one by one.
- **Deleting individual characters:** Select c and briefly press ⊛.
  Each time you enter or delete a character, the closest match will be displayed at the top of the list.
- **Deleting an entire entry:** Select c and press and hold ⊛ until the entry is deleted.
- **Canceling search:** Switch from the smart speller to the list.
  The entry at the top of the list is automatically highlighted.

Selecting using the list

- If necessary, switch from the smart speller to the list.
- Rotate ⟲◎⟳ or slide ↑◎↓ until the desired entry is highlighted.

Selecting subentries

- Select an entry with the ◢ symbol and press ⊛.
  The ◢ symbol changes to ▼ and the subentries are displayed.
- Rotate ⟲◎⟳ or slide ↑◎↓ until the desired subentry is highlighted.

Displaying details of an entry

COMAND can also show a shortened entry in its entirety. For entries featuring subentries, the detailed view is only available for the subentries and not for the main entry.

- Select entry (▷ page 170).
- Select `Options` → `Details`.
  The detailed view appears.
- **Closing detailed view:** Slide ↑◎↓ or ←◎→ or press ⊛ or back button ↩ in the center console (▷ page 90).

Starting to dial the number of an entry

- Select entry (▷ page 170).
- Press ⊛.

or

- Press ☎ on the telephone keypad.
  A list appears if the entry contains subentries.
- Select desired subentry.
- Press ⊛ again.

or

- Press ☎ on the telephone keypad.

Assigning a New Entry in the Address Book

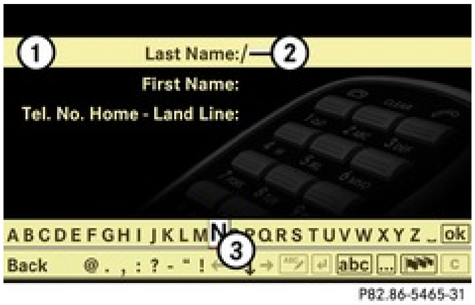
ℹ This function is used to create a new entry in the address book and to enter the data (first name, last name and telephone number) manually.

- Select `Options` → `New Entry` in the COMAND phone book list.
- **Selecting a number category:** Select a category, e. g. `Home`.

▷▷

COMAND telephone

- **Selecting a telephone category:** Select a category, e. g. Land Line.
- **Confirming selection:** Select Save.
  The input menu appears with the data fields.


Last Name:/
First Name:
Tel. No. Home - Land Line:
1
2
3
A B C D E F G H I J K L M N O P Q R S T U V W X Y Z _ ok
Back @ . , : ? - " ! ← → abc ... c
P82.86-5465-31

① Data field
② Input mark (cursor)
③ Input characters

- **Changing data field:** Slide ↑⊙↓ repeatedly until desired data field is highlighted.

or

- Select ↑ or ↓ repeatedly until desired data field is highlighted.
- **Entering data into a field:** Select all characters one by one from the input characters line ③.
- **Toggling upper and lower case for the input characters:** Select ABC or abc.
- **Changing language for the input characters:** Select ⚑.
- Select desired language.
- **Changing character set for the input characters:** Select •••.
  Depending on the previous setting, you will change to letters with special characters or to numbers with special characters.
- **Displaying special characters as input characters:** Select ⚑ → Symbols.
- **Returning input characters to normal characters:** Select ⚑ → the desired language.
- **Moving cursor in the data field:** Select ← or →.
- **Deleting individual characters:** Select c and briefly press ⊙.
  The character to the left of the cursor is deleted.
- **Deleting an entire entry:** Select c and press and hold ⊙ until the entry is deleted.
- **Saving an entry:** Select ok .
- **Canceling an entry:** Select Back.
  If one of the data fields contains data, a prompt will appear asking whether you want to save the entry.
- Select Yes or No.
  The entry will either be saved or not, depending on your selection.

Deleting an entry

ℹ It is not possible to delete a phone book entry from the mobile phone using the COMAND phone book.

The deletion rules may vary, depending on the entry selected:

- Upper entry selected from the address book:
  The entry is deleted from the COMAND phone book and also from the address book, if the address book entry only contains telephone numbers.
- Subentry of an address book entry selected:
  The subentry is deleted from the COMAND phone book and from the address book.

- **Deleting:** Select entry (▷ page 170).
- Select Options → Delete.
  A prompt appears asking whether the entry should be deleted.
- Select Yes or No.
  Once Yes has been selected, the entry will be deleted according to the rules mentioned above.

Saving a phone book entry from the mobile phone in the address book

ℹ This function is used to save an existing phone book entry from the mobile phone in the address book. The following options are available:

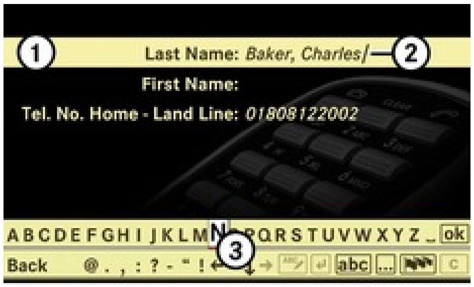
- Saving as a new address book entry
- Adding a telephone number to an existing address book entry

Saving as a new address book entry

- Select phone book entry from mobile phone (▷ page 170).

ℹ All entries with category symbols (📱, 🏠, 🏢, 📠, 📟 or 📞) are phone book entries in the mobile phone (▷ page 169).

- Select Options → Save → New Entry.
- **Selecting a number category:** Select a category, e. g. Home.
- **Selecting a telephone category:** Select a category, e. g. Land Line.
- **Confirming selection:** Select Save.
  The input menu appears with the data fields. The data field for the telephone number is filled in automatically. The data field for the last name is also filled when the entry to be saved contains a name.


Last Name: Baker, Charles/
First Name:
Tel. No. Home - Land Line: 01808122002

P82.86-5466-31

① Data field
② Input mark (cursor)
③ Input characters

- Proceed as described in the “Changing data field” paragraph in the “Assigning a New Entry in the Address Book” section (▷ page 171).

Adding a telephone number to an existing address book entry

- Select phone book entry from mobile phone (▷ page 170).

ℹ All entries with category symbols (📱, 🏠, 🏢, 📠, 📟 or 📞) are phone book entries in the mobile phone (▷ page 169).

- Select Options → Save → Add.
- **Selecting a number category:** Select a category, e. g. Home.
- **Selecting a telephone category:** Select a category, e. g. Land Line.
- **Confirming selection:** Select Save.
  The search menu for address book entries appears.
- Search for desired entry using smart speller function.

ℹ There is a detailed description of how to search for an address book entry in the “Searching for an address book entry” section (▷ page 176).

- After selecting an entry, press ⊛.
  If there are fewer than four numbers assigned to the selected entry in the selected number category, COMAND will save the data.

  If four numbers are saved for the selected entry, a prompt will appear asking whether you want to overwrite one of the existing numbers.
- Select `Yes` or `No`.
  If you select `Yes`, a selection list will appear containing the four existing numbers.
- Select number to be overwritten.
  COMAND overwrites the selected number with the new data.

Adding a telephone number to an address book entry

ℹ This function is used to add a telephone number to an existing address book entry. The telephone number can be entered manually.

- Select address book entry (▷ page 170).

ℹ All entries with the 👤))) symbol or without a symbol are address book entries.

- Select `Options` → `Add Number`.

ℹ `Add Number` does not function if you have selected the main entry for an address book entry with subentries.

- **Selecting a number category:** Select a category, e. g. `Home`.
- **Selecting a telephone category:** Select a category, e. g. `Land Line`.
- **Confirming selection:** Select `Save`.
  If four numbers are saved for the entry in the selected number category, a prompt will appear asking whether one of the existing numbers should be overwritten.

  Select `Yes` or `No`.
  If you select `Yes`, a selection list will appear containing the four existing numbers.

  Select number to be overwritten.
  The input menu appears with the data field for entering the new telephone number.
- **Entering digits:** Select all digits one by one from the input characters.
- **Moving cursor in the data field:** Select ← or →.
- **Deleting individual digits:** Select c and briefly press ⊛.
  The digit to the left of the cursor is deleted.
- **Deleting an entire number:** Select c and press and hold ⊛ until the number is deleted.
- **Saving entry:** Select ok .
- **Canceling an entry:** Select `Back`.
  If you have already entered data, a prompt will appear asking whether the entry should be saved.
- Select `Yes` or `No`.
  The entry will either be saved or not, depending on your selection.

COMAND address book

⚠ **Warning!**

Please devote your attention first and foremost to the traffic situation you are in.

Before your journey, please familiarize yourself with the address book functions.

Only use the COMAND when road and traffic conditions permit you to do so. Otherwise you could be involved in an accident in which you or others could be injured.

General notes

The address book contains the entries that are saved in the COMAND address book memory. The entries are permanently available even if the phone is not inserted in the cradle. When you insert the mobile phone into the cradle, COMAND reads-in the phone book entries saved in the mobile phone and stores the entries as a separate list from the COMAND address book. This list is a copy of the phone's phone book. This can take several minutes, depending on how many entries the phone book and the address book contain. After the read-in process, the COMAND compares the phone book entries with the address book entries. If all of the telephone numbers of a phone book entry in the mobile phone are present in an address book entry, the address book shows only the address book entry. If not, the address book also shows the phone book entry in the mobile phone.

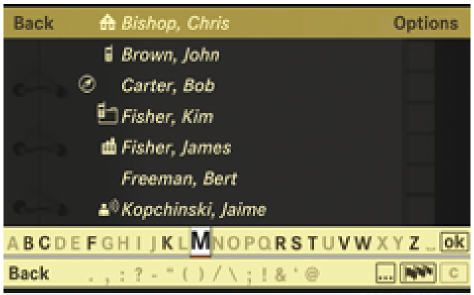
Address book menu overview

ℹ The components and operating principles of COMAND can be found on (▷ page 82).

Search	New Entry
Search for an address book entry	Create new address book entry

Calling up the address book

- ▶ Select `Telephone` → `Data/ Connections` → `Address Book`.
  The main address book display appears.



P82.86-7374-31

ℹ For phone book entries in the mobile phone that contain a name and a telephone number, you will see the name and the number. If a phone book entry in the mobile phone contains several telephone numbers, you will see the message `Multiple Numbers` instead of a telephone number.

Selecting an entry in the main address book display

- ▶ Slide ↑◎ to select the main area.
- ▶ Slide ↑◎↓ or rotate ⟲◎⟳ to select an entry.

or

- ▶ Search for an entry with the smart speller (▷ page 176).

Creating a new address book entry

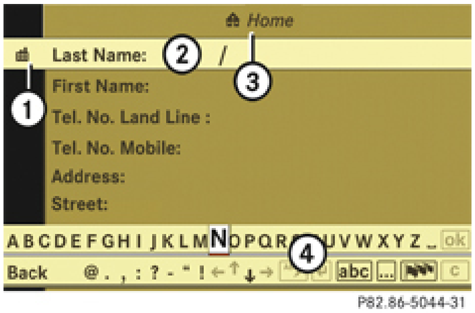
ℹ Please observe the following when creating a new address book entry:
You can define your own address in the destination memory in navigation mode. When defining the address, you can transfer data already entered as an address book entry.
In the address book entry, the city and street must be spelled in the same way as the destination entry so that the data matches the digital map data.
In order for the state/province to match the map data, its complete name or abbreviation may be entered.

▷▷

Examples:

- Florida or FL
- Colorado or CO
- Alberta or AB
- Ontario or ON

▶ Select `Telephone` → `Data/Connections` → `Address Book` → `Options` → `New Entry`.
The input menu appears with the data fields and the input characters.



Example illustration: Input menu for private data

① To switch between work and home data (🏢 or ⌂ symbol)

② Selected data field with input mark (cursor)

③ Display of set data type – in example display, home data is set (⌂ symbol and `Home` display)

④ Input characters

▶ **Switching between private and business data:** Select symbol ①.
The display switches to private or business data, depending on the previous status.

▶ **Changing data field:** Slide ↑◎↓ repeatedly until desired entry is highlighted.

or

▶ Select [↑] or [↓] repeatedly until desired entry is highlighted.

▶ **Entering data into a field:** Select desired characters one by one from the input characters.

▶ **Toggling upper and lower case for the input characters:** Select [ABC] or [abc].

▶ **Changing language for the input characters:** Select [🏳].

▶ Select desired language.

▶ **Changing character set for the input characters:** Select [●●●].
Depending on the previous setting, you will change to letters with special characters or to numbers with special characters.

▶ **Moving cursor in the data field:** Select [←] or [→].

▶ **Deleting individual characters:** Select [c] and briefly press ⊛.
The character to the left of the cursor is deleted.

▶ **Deleting an entire entry:** Select [c] and press and hold ⊛ until the entry is deleted.

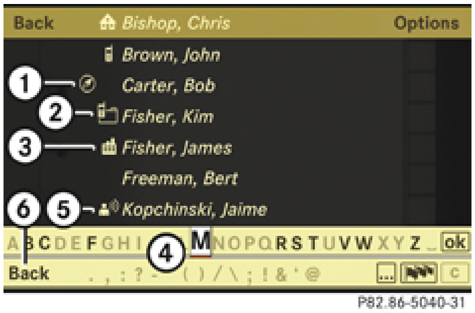
▶ **Saving an entry:** Select [ok].

▶ **Canceling an entry:** Select `Back`.
If one of the data fields contains new data, a prompt will appear asking whether you want to save the entry.

▶ Select `Yes` or `No`.
The entry will either be saved or not, depending on your selection.

Searching for an address book entry

▶ Select `Telephone` → `Data/Connections` → `Address Book`.
The search menu appears with the smart speller.



① Symbol ⊘ for complete address data from the navigation system

② Symbol ⊟ for summarized entries from the mobile phone with the same name but different telephone numbers

③ Category symbol ▦

④ Smart speller

⑤ Symbol 👤⁾⁾ for voice entry

⑥ Back to the main address book display

Entries with category symbol ③ come from the mobile phone. The following category symbols are possible:

- ▯ = symbol for Mobile category
- ⌂ = symbol for Home category
- ▦ = symbol for Work category
- 🖷 = symbol for Fax category
- ▭ = symbol for Pager category
- ☎ = symbol for Main category or for unknown category or for phone entries that are saved on the SIM card of a GSM mobile phone

Entries without a category symbol or with the 👤⁾⁾ or ⊘ symbols come from the COMAND address book. All other entries come from the mobile phone and are only visible when the mobile phone is in the cradle.

It is possible to add voice entries. Entries with the 👤⁾⁾ symbol contain a voice entry (▷ page 182).

Entries with the ⊘ symbol contain complete, navigable address data from the navigation system that correspond to digital map data. It is possible to quickly start route guidance to these types of entry (▷ page 181).

Switching from the smart speller to the list

▶ Slide ↑◎ repeatedly or press ⊛ until the smart speller is hidden.

or

▶ Select ok .

Switching from the list to the smart speller

▶ Select Back from the list.

Searching via the smart speller

▶ Switch from the list to the smart speller if necessary.

▶ **Changing smart speller language:** Select ⚑⚑⚑.

▶ Select desired language.

▶ **Changing smart speller character set:** Select ●●●.
Depending on the previous setting, you will change to letters with special characters or to numbers with special characters.

▶ **Entering characters:** Select the characters one by one of the entry you are searching for.

▶ **Deleting individual characters:** Select c and briefly press ⊛.
Each time you enter or delete a character, the closest match will be displayed at the top of the list.

▶ **Deleting an entire entry:** Select c and press and hold ⊛ until the entry is deleted.

▷▷

- **Canceling search:** Switch from the smart speller to the list (▷ page 177).
  The entry at the top of the list is automatically highlighted.
- **Going back to main address book display:** If necessary, switch from the list to the smart speller (▷ page 177) and select `Back` in the smart speller.

Searching via the list

- If necessary, switch from the smart speller to the list (▷ page 177).
- Rotate ⟲◎⟳ or slide ↑◎↓ until desired entry is highlighted on the list.

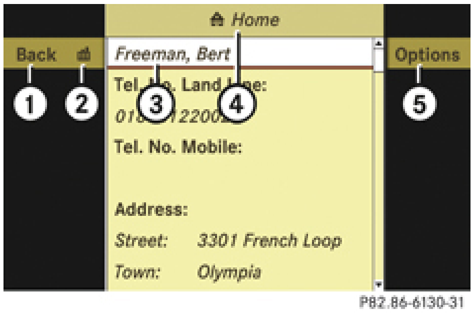
Displaying a complete address book entry

Searching for the desired entry

- Search for an address book entry (▷ page 176).

or

- Select an address book entry in the main address book menu (▷ page 175).
- Press ◉.
  The detailed view appears.



Freeman, Bert
Tel. No. Land Line:
01 2200
Tel. No. Mobile:
Address:
Street: 3301 French Loop
Town: Olympia

Example illustration: Detailed view for private data

① To go back to the previous menu
② To switch between work and home data (symbol ▦ or ⌂)
③ Selected data field
④ Display of set data type – in example display, home data is set (⌂ symbol and `Home` display)
⑤ To call up options

ℹ The options available under `Options` menu item ⑤ depend on which data field ③ is selected.

The following options may be available:

- Displaying abbreviated content in full (▷ page 179)
- Changing an address book entry (▷ page 179)
- Changing the description of a telephone number data field (▷ page 180)
- Adding a telephone number data field (▷ page 180)
- Calling a number saved in an entry (▷ page 181)
- Starting route guidance to an entry (▷ page 181)
- Options for voice entries (▷ page 182)

Switching between private or business data

- Select symbol ②.
  The display switches to private or business data, depending on the previous status.

Selecting a different data field

- Rotate ⟲◎⟳ or slide ↑◎↓.

Displaying abbreviated content in full

- ▶ Select `Options` → `Details`.
  The display is shown in full.
- ▶ **Closing entire display:** Slide ←◎→ or press ⊛.

Closing the detailed view

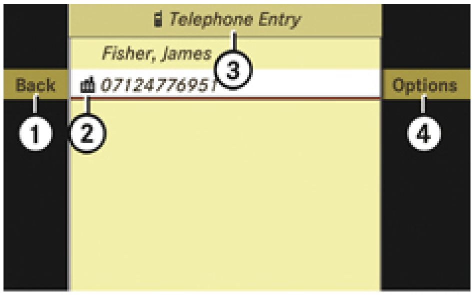
- ▶ Select `Back`.

Displaying of a complete phone book entry in the mobile phone

ℹ The mobile phone must be inserted in the cradle.

Searching for the desired entry

- ▶ Search for a phone book entry in the mobile phone (▷ page 170).
- ▶ Press ⊛.
  The detailed view appears.



P82.86-6131-31

① To go back to the previous menu
② Category symbol
③ Display for phone book entry in mobile phone
④ To call up options

ℹ If a phone book entry in the mobile phone has more than one telephone number, you will see all telephone numbers with the respective category symbol ② in the detailed view.

ℹ The options available under `Options` menu item ④ depend on which data field ③ is selected.

The following options may be available:

- Calling a number saved in an entry (▷ page 181)
- Saving a phone book entry from mobile phone in the address book (▷ page 173)

Closing the detailed view

- ▶ Select `Back`.

Changing an entry

Changing an address book entry

- ▶ Search for an address book entry (▷ page 176).

or

- ▶ Display the details of an address book entry (▷ page 178).
  The input menu appears with the data fields.
- ▶ Select `Options` → `Change`.
- ▶ Proceed as described in the “Switching between private and business data” paragraph in the “Creating an new address book entry” section (▷ page 175).

COMAND telephone

Changing the description of a telephone number data field

ℹ This function is not possible for phone book entries in the mobile phone.

- Display the details of an entry and highlight the telephone number data field (▷ page 178).
- Select `Options → Change Category`.
- Select a number category, e. g. `Home`.
- Select a telephone category, e. g. `Land Line`.
- Select `Save`.
  COMAND saves the data if there are fewer than four numbers assigned to the entry you are searching for in the selected number category.

  Otherwise, you will see a prompt asking whether one of the existing numbers should be overwritten.
- Select `Yes` or `No`.
  If you select `Yes`, a selection list will appear containing the four existing numbers.
- Select number to be overwritten.
  COMAND overwrites the selected number with the new data.

Adding to a telephone number data field

ℹ One address book entry may contain up to four data fields for private telephone numbers and four data fields for business telephone numbers.
This function is not possible for phone book entries in the mobile phone.

- Display the details of an entry and highlight the telephone number data field (▷ page 178).
- Select `Options → Add Number`.
- Select a number category, e. g. `Home`.
- Select a telephone category, e. g. `Land Line`.
- Select `Save`.

COMAND adds the data field to the entry if there are fewer than four numbers assigned to the entry in the selected number category. You can now enter a number into the data field.

- Proceed as described from the “Entering data into a field” operating step in the “Creating a new address book entry” section (▷ page 175).

If four numbers are already saved for the entry in the selected number category, a prompt will appear asking whether one of the data fields should be overwritten.

- Select `Yes` or `No`.
  If you select `Yes`, a selection list will appear containing the four data fields.
- Select field to be overwritten.
  COMAND deletes the number of the selected field. You can now enter a new number into the data field.
- Proceed as described from the “Entering data into a field” operating step in the “Creating a new address book entry” section (▷ page 175).

Deleting an entry

ℹ You cannot delete phone book entries from the mobile phone.

- Search for desired entry (▷ page 176).
- Select `Options → Delete`.
  A deletion prompt appears.
- Select `Yes` or `No`.
  The entry will either be deleted or not, depending on your selection.

Calling a number saved in an entry

ℹ To do this, COMAND must be equipped with a telephone. The mobile phone must be inserted in the cradle.

▶ Display the details of an entry and highlight the telephone number data field (▷ page 178).

▶ Press ⊛ and select Call.

or

▶ Select Options → Call.
In both cases, the telephone connects the call. The COMAND display is showing the telephone mode screen.

Starting route guidance to an entry

▶ Search for an address book entry (▷ page 176).

▶ Display the details of an entry and highlight the address data field (▷ page 178).

▶ Select Options → Navigate.

or

▶ Press ⊛.

ℹ Pressing ⊛ only functions if one of the address data fields contains data.

Further operation depends on whether the address data is complete and matches the digital map data of the navigation system. It does not match, for example, if it is not spelled in the same way as the destination entry.

Address data is complete and matches digital map

If Navigate is selected, the navigation system starts the route calculation.

Address data is incomplete or does not match digital map

ℹ For the route calculation, the navigation system requires the correct spellings of the state (province), the city or zip code, the street and under some circumstances, the house number. The city and street must be spelled in the same manner as the destination entry.
The state (province) can be spelled as an entire name or as an abbreviation.

Examples:

- Florida or FL
- Colorado or CO
- Alberta or AB
- Ontario or ON

If Navigate is selected, a message appears indicating that the address is incomplete.

▶ **Closing message:** Select OK.

Depending on which data is missing or cannot be found on the digital map, you must now either:

- select a state (province)
- select a county
- or enter a city
- or enter a street
- or enter a house number

▶ **Selecting a state (province):** Select desired state (province) from the list.

▶ **Selecting a county:** Select desired county from the list.

▶ **Entering a city:** Proceed as described for destination entry in the “Entering a city” section (▷ page 116).

▶ **Entering a street:** Proceed as described for destination entry in the “Entering a street” section (▷ page 119).

▶ **Entering a house number:** Proceed as described for destination entry in the “Entering a house number” section (▷ page 123).

COMAND telephone

ℹ If you have added data, COMAND saves your additions. This means that you do not need to reenter this additional data later on.
The COMAND memory saves the additional data in a special field, which cannot be displayed. The data, which you have entered in the address book initially in the display, remains unchanged.

If all data is available and matches the digital map data, the navigation system starts the route calculation.

Voice entries

ℹ For voice entries, your vehicle must be equipped with Voice Control. You can not add voice entries to address book entries that have been read-in from the phone book of the mobile phone.

Adding or changing a voice entry

ℹ You can add one voice entry per address book entry.

- Search for the address book entry with or without a voice entry (▷ page 176).
- Select `Options` → `Voice Name` → `Add` or `Change`.
  Subsequent operation is controlled by voice. Voice Control guides you through the dialogs.

Deleting a voice entry

- Search for the address book entry with a voice entry (▷ page 176).
- Select `Options` → `Voice Name` → `Delete`.
  A deletion prompt appears.
- Select `Yes` or `No`.
  COMAND deletes the voice entry depending on your selection.

Listening to a voice entry

- Search for the address book entry with a voice entry (▷ page 176).
- Select `Options` → `Voice Name` → `Read Aloud`.
  You will hear the voice entry.

Saving a phone book entry from mobile phone in the COMAND address book

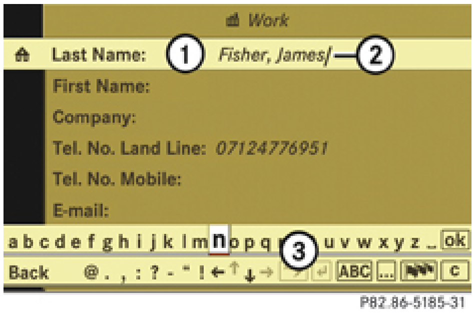
Saving a phone book entry from mobile phone as new address book entry

ℹ The mobile phone must be inserted in the cradle and the COMAND have read out the mobile phone book data. This can take several minutes, depending on how many entries each phone book contains.

- Search for phone book entry in mobile phone (▷ page 176).

or

- Display details of a phone book entry in the mobile phone (▷ page 171).
- Select `Options` → `Save` → `New Entry`.
- Select a number category, e. g. `Work`.
- Select a telephone category, e. g. `Mobile`.
- Select `Save`.
  The input menu appears with the data fields. The name and the telephone number are entered automatically.



Work

Last Name: Fisher, James

First Name:

Company:

Tel. No. Land Line: 07124776951

Tel. No. Mobile:

E-mail:

①
②
③
a b c d e f g h i j k l m n o p q u v w x y z _ ok
Back @ . , : ? - " ! ← ↑ ↓ → ABC ... C

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① Data field

② Input mark (cursor)

③ Input characters

▶ Proceed as described in the “Changing a data field” paragraph in the “Creating a new address book entry” section (▷ page 175).

Saving a phone book entry from the mobile phone in an existing address book entry

ℹ The mobile phone must be inserted in the cradle.

▶ Search for a phone book entry in the mobile phone (▷ page 176).

or

▶ Display details of a phone book entry in the mobile phone (▷ page 171).

▶ Select `Options` → `Save` → `Add`.

▶ Select a number category, e. g. “`Home`.

▶ Select a telephone category, e. g. `Land Line`.

▶ Select `Save`.
The search menu for address book entries appears.

▶ Search for desired entry.

ℹ There is a detailed description of how to search for an address book entry in the “Searching for an address book entry” section (▷ page 176).

▶ After selecting an entry, press ⊛.
COMAND saves the data if there are fewer than four numbers assigned to the selected entry in the selected number category. Otherwise, you will see a prompt asking whether one of the existing numbers should be overwritten.

▶ Select `Yes` or `No`.
If you select `Yes`, a selection list will appear containing the four existing numbers.

▶ Select the number to be overwritten.
COMAND overwrites the selected number with the new data.

Importing data from external Bluetooth® devices

You can import vCards from external Bluetooth® devices into the address book. Please keep the following in mind:

- Bluetooth® is activated in COMAND (▷ page 184) and in the device concerned.
- The external device must be able to send vCards by Bluetooth®.
- The external device is inside the vehicle, switched on and authorized (▷ page 184).

▶ **Importing:** Start data transfer on the external device (see operating instructions of the device concerned).
If there is no address book entry with the same first name and last name, COMAND imports the data.
If there is already an address book entry with the same first name and last name, a prompt will appear asking whether the existing data should be overwritten.

▶ Select `Yes` or `No`.
The existing address book entry will be overwritten or not, depending on your selection.

COMAND telephone

Bluetooth® settings

General information about Bluetooth®

Bluetooth® technology is the standard for short-range wireless technologies, suitable for transmitting voice and data. Bluetooth® can be used to exchange vCards or make calls using a headset.

Bluetooth® technology uses the freely available ISM (Industrial Scientific Medical) wireless network that works at 2.45 GHz. Ranges of up to 33 ft (10 m) are possible with Bluetooth®.

Activate or deactivate Bluetooth®

▶ Select `Telephone` → `Data/Connections` → `Bluetooth` → `Deactivate Bluetooth`.
You have activated or deactivated Bluetooth®. A checkmark appears when Bluetooth® is deactivated.

Connecting Bluetooth® devices

ⓘ To connect a Bluetooth® device, the Bluetooth® function must be activated in COMAND and in the device concerned. The Bluetooth® device must also be set to "visible" or "findable" in order for COMAND to find and display it. For the setting procedures, please see the operating instructions for the Bluetooth® device.

It is possible to establish a Bluetooth® connection between COMAND and the following types of device:

- Mobile phone (only for transferring business cards)
- Headset
- Laptop/PDA

You can connect up to twelve devices to COMAND but only one device can be active at a time.

The connection process includes searching for the device and its subsequent authorization.

Calling up the Bluetooth® device list and searching for devices

▶ **Calling up the list:** Select `Telephone` → `Data/Connections` → `Bluetooth` → `Search for Bluetooth devices`.
When you call up the list for the first time after switching on COMAND, the search for devices in the reception range starts automatically. You will see a display to this effect.
The device list appears after a short while.

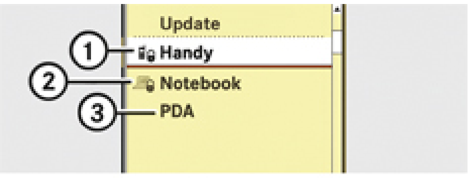
▶ **Canceling search:** Select `Cancel`.

The second time you call up the list, and each time thereafter, the device list appears immediately if COMAND has not been switched off and on again in the meantime.

▶ **Starting search manually:** Select `Update`.

The device list can contain the following devices:

- All detected devices, whether authorized or not.
- All authorized devices, whether detected or not.



P82.86-5068-31

① Authorized and detected device – device and padlock symbol are the same color

② Device which was not detected, but which has been authorized in the past – device and padlock symbol are different colors (the device may be switched off or not in the vehicle, for example)

③ Newly detected device - not yet authorized (no symbol)

ℹ If the device list already contains twelve authorized devices, you must revoke authorization for one of the authorized devices. Then you must switch this device off and then restart the search. Any new devices for which you would like to search will otherwise not appear in the list.

Displaying details of a Bluetooth® device

- ▶ Call up the Bluetooth® device list (▷ page 184).
- ▶ Select desired device.
- ▶ Select `Details`.
  The detailed display for this device appears.
- ▶ **Closing detailed display:** Slide ↑◎↓ or ⟲◎⟳.

Authorizing a Bluetooth® device

- ▶ Call up the Bluetooth® device list (▷ page 184).
- ▶ Select unauthorized device.
- ▶ Select `Authorize`.
  The input menu for the passkey appears.

ℹ The passkey is any one to sixteen-digit number which you can set yourself. You must enter the same number in COMAND and also in the device to be authorized.

ℹ On devices which do not have an input keypad (e. g. headsets), the passkey is predetermined. In this case, it is not necessary to enter the number on the device itself. You will usually find the passkey in the operating instructions for the device.

- ▶ **Entering passkey into COMAND:** Select the digits one by one.
- ▶ **Deleting digits:** Select c and briefly press ⊛.
- ▶ **Canceling entry into COMAND:** Select `Back`.
- ▶ **Confirming entry into COMAND:** Select ok .
- ▶ If necessary, enter the same passkey into the Bluetooth® device (see the operating instructions for the device).
  The device is authorized.

Deauthorizing a Bluetooth® device

- ▶ Call up the Bluetooth® device list (▷ page 184).
- ▶ Select authorized device.
- ▶ Select `De-authorize`.
  A prompt appears asking whether you really want to deauthorize this device.
- ▶ Select `Yes` or `No`.
  If you select `Yes`, the device will be deauthorized.

ℹ If you de-authorize a device which has been authorized in the past and which is not detected in the search, this device will no longer be displayed in the device list. Devices which have been authorized in the past but which are not detected in the search are either not switched on or not in the vehicle.

SMS messages (Short Message Service)

SMS functions

The following functions are available:

- Receive
- Read

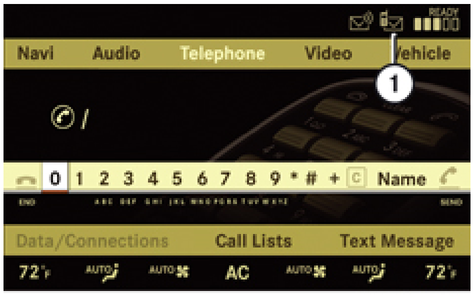
The following conditions must be fulfilled in order to use the functions:

- The mobile phone is inserted in the cradle and switched on.
- The PIN has been entered (only GSM mobile phones).
- The mobile phone is logged into a mobile network.
- The mobile phone book must be downloaded and available in COMAND.

Inbox

Calling up the SMS inbox

▶ Select `Telephone`.
The main telephone menu appears.


READY
Navi
Audio
Telephone
Video
Vehicle
1
0 1 2 3 4 5 6 7 8 9 * # + C Name
END
SEND
Data/Connections
Call Lists
Text Message
72°F
AUTO
AC
72°F

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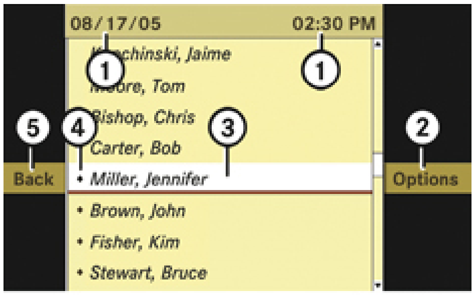
① Symbol ✉ for unread messages in the SMS inbox

ℹ The ✉ symbol only appears for those messages which are received while the mobile phone is inserted in the cradle.

▶ Select `Text Message`.
The SMS inbox appears.

ℹ `Text Message` does not function if the SMS inbox contains no SMS messages. The SMS inbox only shows the messages which are received while the mobile phone is inserted in the cradle.


08/17/05
02:30 PM
...chinski, Jaime
...ore, Tom
Bishop, Chris
Carter, Bob
Miller, Jennifer
Brown, John
Fisher, Kim
Stewart, Bruce
1
1
2
3
4
5
Back
Options

P82.86-6108-31

① Date and time the highlighted SMS message was received
② To call up options
③ Highlighted SMS message
④ Symbol ◆ for unread SMS message
⑤ Back to main telephone menu

ℹ The SMS messages are sorted by the date and time they were received. The most recent message is at the top of the list.
If the name and telephone number of the sender is saved in the address book or phone book of the mobile phone, you will see the name of the sender in the SMS inbox. Otherwise, you will see the telephone number of the sender.

Selecting an SMS message

- Rotate ⟲◎⟳ or slide ↑◎↓ and then press ◎.

Showing abbreviated sender display in full

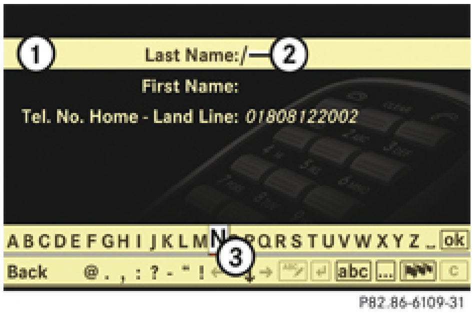
- Select SMS message → Options → Details.
  The detailed view appears.
- **Closing detailed view:** Slide ↑◎↓ or press ◎.

Calling an SMS sender

- Select SMS message → Options → Call.
  The telephone connects the call.

Saving SMS sender as new COMAND address book entry

- **Selecting an SMS message:** In the SMS inbox, select a message → Options → Save Number → New Entry.
- **Selecting a number category:** Select a category, e. g. Home.
- **Selecting a telephone category:** Select a category, e. g. Land Line.
- **Saving:** Select Save.
  The input menu appears with the data fields. The data field for the telephone number is filled in automatically.



Last Name:/
First Name:
Tel. No. Home - Land Line: 01808122002

1
2
3
A B C D E F G H I J K L M N O P Q R S T U V W X Y Z _ ok
Back @ . , : ? - " ! ← → abc ... C
P82.86-6109-31

① Data field
② Input mark (cursor)
③ Input characters

- Proceed as described in the “Changing data field” paragraph in the “Assigning a New Entry in the Address Book” section (▷ page 171).

Adding an SMS sender’s telephone number to an existing address book entry

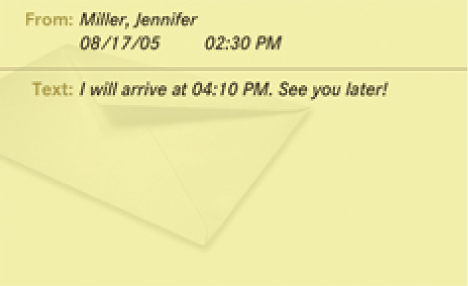
- **Selecting an SMS message:** In the SMS inbox, select a message → Options → Save Number → Add.
- Proceed as described in the “Selecting a number category” paragraph in the “Adding a telephone number to an existing address book entry” section (▷ page 173).

Exiting the SMS inbox

- Select Back.
  The main telephone menu appears.

Reading an SMS message

- In the SMS inbox, select an SMS message and press ◎.
  The SMS message appears.



From: Miller, Jennifer
08/17/05 02:30 PM

Text: I will arrive at 04:10 PM. See you later!

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Using data in a text message

ⓘ If the SMS message contains telephone numbers or navigable address data, you can select this data and place a telephone call or transfer the address data to the navigation system.

- ▶ **Selecting data from the text:** Rotate {◎} or slide ↑◎↓.
- ▶ **Using data:** Press ⊛ → `Use`.
  If you have selected a telephone number, the telephone connects the call. If you have selected a navigable address, it is transferred to the navigation system.

Calling an SMS sender

ⓘ This function is not possible with all SMS senders.

- ▶ Press ⊛ → `Call`.
  The telephone connects the call.

Saving SMS sender as new address book entry

ⓘ This function is not possible with all SMS senders.

- ▶ Press ⊛ → `Save Number` → `New Entry`.
- ▶ Proceed as described in the “Selecting a number category” paragraph in the “Saving SMS sender as new COMAND address book entry” section (▷ page 187).

Adding an SMS sender’s telephone number to an existing address book entry

- ▶ Press ⊛ → `Save Number` → `Add`.
- ▶ Proceed as described in the “Selecting a number category” paragraph in the “Adding a telephone number to an existing address book entry” section (▷ page 173).

Closing an SMS message and returning to SMS inbox

- ▶ Press ⊛ → `Back`.

COMAND FM/AM radio

Safety notes

⚠ Warning!

Please devote your attention first and foremost to the traffic situation you are in.

Before your journey, please familiarize yourself with the radio functions.

Only use the COMAND when road and traffic conditions permit you to do so. Otherwise you could be involved in an accident in which you or others could be injured.

Submenu overview

ⓘ The components and operating principles of COMAND can be found on (▷ page 82).

Radio (except Weather Band)	Presets (except Weather Band)	Channel (only Weather Band)	FM or AM or WB	Sound
Station List (in FM wave band only)	Autostore	Channel list	Switch to FM wave band	Treble
Save Station	Preset station list		Switch to AM wave band	Bass
Frequency Entry			Switch to Weather Band	Balance/Fader
Show Station Info (in FM wave band only)				3D Sound

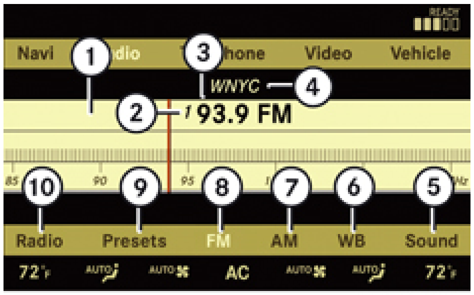
Switching to radio mode

- Select `Audio` → `Audio` → `FM/AM Radio`.

or

- Press the DISC RADIO shortcut button once or twice.
  The radio display appears once you have switched to radio mode. You will hear the station/channel last tuned in in the previously selected wave band, provided that the station/channel can be received.

ℹ The number of times you have to press the DISC RADIO shortcut button depends on the operating mode currently selected.



Example illustration: Radio mode in FM wave band

① Main area with frequency display
② Preset position of selected station
③ Frequency of selected station
④ Name of selected station
⑤ Sound settings
⑥ To switch to Weather Band
⑦ To switch to AM wave band
⑧ Selected wave band
⑨ Preset options
⑩ Radio options

ℹ Station name display ④ is available for the FM wave band and can only be seen when it is switched on (▷ page 192) and if the station transmits a name.

Switching wave bands

You can switch between the FM, AM and WB (Weather Band) wave bands.

- ▶ Select `Audio` → `Audio` → `FM/AM Radio` → `FM` or `AM` or `WB`.
  You will hear the station last tuned in on the selected wave band.

Selecting stations/channels

You have the following selection options:

- The station list
- The search function
- The station presets
- The manual frequency entry
- The channel list

Selecting stations using the station list

ℹ The station list is only available for the FM wave band. It contains all the stations that can be currently received and is sorted by station frequencies.

- ▶ Select → `Audio` → `Audio` → `FM/AM Radio` → `FM`.
- ▶ Select `Radio` → `Station List`.
  The station list appears. The dot ● in front of a list entry indicates the currently selected station. A number in front of the list entry indicates the preset position in the station preset memory.
- ▶ Select a station by rotating ⟲◎⟳ or sliding ↑◎↓ and press ◎.

Selecting stations/channels using the search function

- ▶ Slide ←◎→ or rotate ⟲◎⟳ when the main area is selected.
  Depending on the direction in which the controller is being slid or rotated, the system searches upward or downward and stops at the next receivable station/channel.

Selecting stations using station presets

ℹ This function is not available for Weather Band.

- ▶ Select `Audio` → `Audio` → `FM/AM Radio` → `FM` or `AM`.
- ▶ Select `Presets`.

or

- ▶ Press ◎ when the main area is selected.
  The preset menu appears. The dot ● in front of a preset position indicates that the currently selected station is saved there.
- ▶ Select station preset by rotating ⟲◎⟳ or sliding ↑◎↓ and press ◎.

or

- ▶ Enter a position number with the telephone keypad using the 1 - 9 WXYZ buttons (▷ page 85).

Selecting stations by entering the frequency manually

ℹ This function is not available for Weather Band.

- ▶ Select `Audio` → `Audio` → `FM/AM Radio` → `FM` or `AM`.

Entering the frequency using the COMAND controller

▶ Select Radio → Frequency Entry.
The menu for manual frequency entry appears.

▶ **Exiting menu without making an entry:** Press ⮌ back button in the center console (▷ page 90).

▶ **Increasing or decreasing number:** Slide ↑◎↓ or rotate ⟲◎⟳.

ℹ You can only select currently permitted numbers.

▶ **Selecting the next number:** Slide ◎→.

▶ **Confirming frequency entry:** Press ⊛.
COMAND tunes in to the frequency entered.

ℹ If you enter a frequency in the AM wave band which is outside the frequency range, COMAND tunes in to the next lowest frequency.

Entering the frequency using the telephone keypad

▶ Press * + on the telephone keypad (▷ page 85).

▶ Enter frequency using the 0 ␣ - 9 WXYZ buttons.
COMAND tunes in to the frequency entered.

Selecting channels using the channel list

ℹ This function is only available for Weather Band.

▶ Select Audio → Audio → FM/AM Radio → WB → Channel.

or

▶ Press ⊛ when the main area is selected.
The channel list appears. The dot ● in front of a list entry indicates the currently selected channel.

▶ Select channel by rotating ⟲◎⟳ or sliding ↑◎↓ and press ⊛.

Saving stations

ℹ Twenty stations can be saved in each wave band except for Weather Band.

You have the following options:

- Saving stations manually
- Saving stations using the autostore function

Saving stations manually

Option 1

▶ Select Audio → Audio → FM/AM Radio → FM or AM.

▶ Select Radio → Save Station.

Option 2

▶ Press ⊛ when the main area is selected.

Option 3

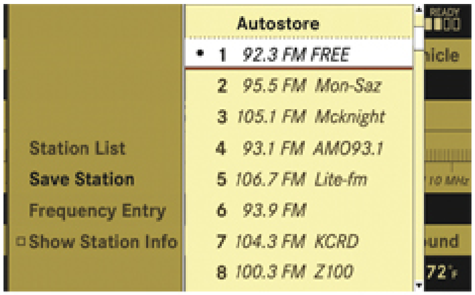
▶ Select Audio → Audio → FM/AM Radio → FM or AM.

▶ Select Presets.

All three of these will call up a station preset screen. The dot ● in front of a preset position indicates that the currently selected station is saved there.

▷▷

COMAND FM/AM radio


Station List
Save Station
Frequency Entry
Show Station Info
Autostore
1 92.3 FM FREE
2 95.5 FM Mon-Saz
3 105.1 FM Mcknight
4 93.1 FM AMO93.1
5 106.7 FM Lite-fm
6 93.9 FM
7 104.3 FM KCRD
8 100.3 FM Z100
READY
icle
10 MHz
und
72°F

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- **Selecting a preset position:** Slide ↑◎↓ or rotate ⟲◎⟳.

Saving a station to a selected preset position

If you have called up the station preset screen using option 1:

- Press ◎ briefly.

In options 2 and 3:

- Press and hold ◎ until you hear a signal. The station is saved.

Saving using the autostore function

ℹ This function is not available for Weather Band. The autostore function saves receivable stations as presets in order of their reception quality. All stations saved manually in the preset memory will be lost if COMAND finds 20 stations. If COMAND finds less than 20 stations, for example 9, then the stations saved in preset positions 1 – 9 will be over written.

Option 1

- Press ◎ when the main area is selected.
- Select `Autostore`.

Option 2

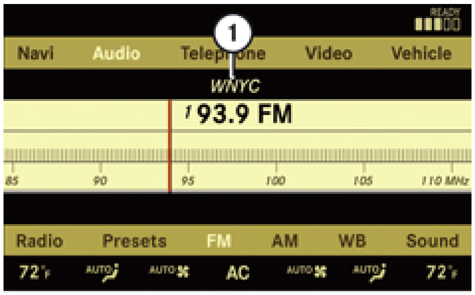
- Select `Audio` → `Audio` → `FM/AM Radio` → `FM` or `AM`.
- Select `Presets` → `Autostore`.

Option 3

- Select `Audio` → `Audio` → `FM/AM Radio` → `Radio` → `Save Station` → `Autostore`.

Station name display

ℹ In the FM wave band, COMAND can show the name of the station currently tuned in. Station name display ① can only be seen when it is switched on and if the station transmits a name.


1
READY
Navi
Audio
Telephone
Video
Vehicle
WNYC
1 93.9 FM
85
90
95
100
105
110 MHz
Radio
Presets
FM
AM
WB
Sound
72°F
AUTO
AUTO
AC
AUTO
AUTO
72°F

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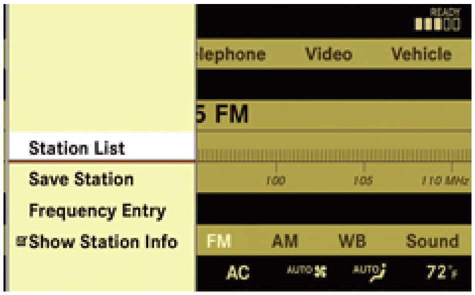
① Station name display

- **Switching the station name display on/off:** Select `Audio` → `Audio` → `FM/AM Radio` → `FM` → `Radio` → `Show Station Info`.
  The display is switched on or off, depending on the previous setting. When the display is switched on, a checkmark appears in front of the `Show Station Info` menu item.


lephone
Video
Vehicle
5 FM
Station List
Save Station
Frequency Entry
Show Station Info
100
105
110 MHz
FM
AM
WB
Sound
AC
AUTO
AUTO
72°F

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COMAND satellite radio

Safety notes

⚠ Warning!

Please devote your attention first and foremost to the traffic situation you are in.

Before your journey, please familiarize yourself with the radio functions.

Only use the COMAND when road and traffic conditions permit you to do so. Otherwise you could be involved in an accident in which you or others could be injured.

Submenu overview

ℹ The components and operating principles of COMAND can be found on (▷ page 82).

Sat Radio	Presets	Info	Category	Sound
Channel List	Station presets	Showing program info	Selecting category	Treble
Save Channel				Bass
Channel Entry				Balance/Fader
Service				3D Sound

Introduction to satellite radio

ⓘ A subscription to SIRIUS Satellite Radio service provider is required for the satellite radio operation described in this section. Contact an authorized Mercedes-Benz Center for details and availability for your vehicle.

SIRIUS Satellite Radio provides over 130 channels of digital-quality radio, including 100% commercial-free music, sports, news and entertainment. SIRIUS Satellite Radio uses a fleet of high-power satellites to broadcast 24 hours per day, coast to coast, in the contiguous U. S. and Canada.

This diverse, satellite-delivered programming is available for a monthly subscription fee.

For more information and service availability call the SIRIUS Service Center at 1-888-539-7474, or contact

- **www.sirius.com** (USA)
- **www.siriuscanada.com** (Canada)

ⓘ Satellite radio service may be unavailable or interrupted from time to time for a variety of reasons, such as environmental or topographic conditions and other things we cannot control. Service might also not be available in certain places (e. g., in tunnels, parking garages, under leafy trees, or within or next to buildings) or near other technologies. In such situations, the satellite radio's main menu shows the `Acquiring signal...` screen. At this point, the radio's functions are restricted.

Switching to satellite radio

▶ Select `Audio` → `Audio` → `Sat Radio`.

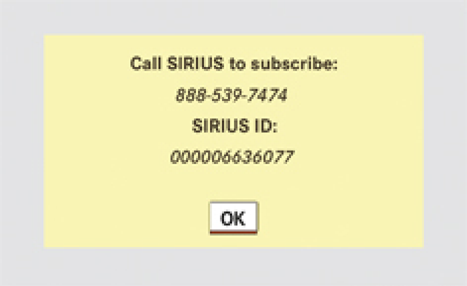
or

▶ Press the DISC RADIO shortcut button once or twice. The Satellite radio menu appears if it was the last active radio mode.
The screen which then appears depends on the activation status of the satellite radio service.
The following conditions are possible:

- Satellite radio service is not activated (only the preview channel is displayed).
- Satellite radio service is activated.

Satellite radio service is not activated

The telephone number of the SIRIUS Service Center and the twelve-digit electronic serial number (SIRIUS-ID) of the particular receiver are displayed.



Call SIRIUS to subscribe:
888-539-7474
SIRIUS ID:
000006636077
OK

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This information is required when calling the SIRIUS Service Center for an activation request.

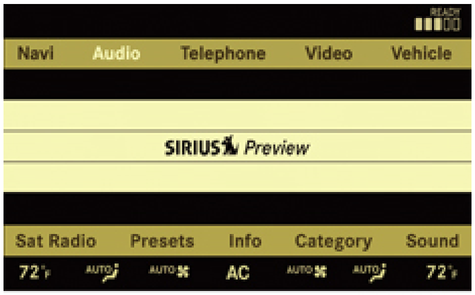
ⓘ Activating the satellite radio service might not be available in certain places (e. g., in tunnels, parking garages, under leafy trees, or within or next to buildings). If a subscription is not included with system purchase, credit card information is required to activate your account.
The activation process takes approximately 5 to 10 minutes after calling the SIRIUS Service Center.

ⓘ It is also possible to activate the satellite radio service online. To do so please visit SIRIUS Satellite Radio's website at

www.sirius.com (USA) or **www.siriuscanada.com** (Canada).

▶ **Closing screen:** Press ↶.

Preview channel


READY
Navi
Audio
Telephone
Video
Vehicle
SIRIUS Preview
Sat Radio
Presets
Info
Category
Sound
72°F
AUTO
AUTO
AC
AUTO
AUTO
72°F

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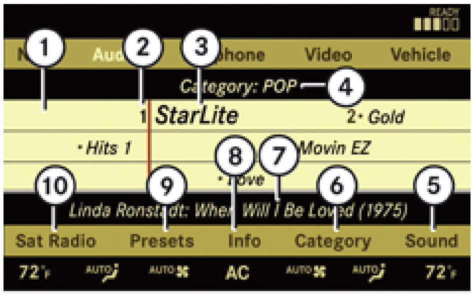
ℹ If the satellite radio service has not been subscribed to, only the preview channel is available. You cannot tune in another channel. If you try to do this, you will see the screen described in the section “Satellite radio service is not activated” (▷ page 194).

Satellite radio service is activated

The main satellite radio menu appears. You will hear the channel last tuned in, provided that it can be received.

Main satellite radio menu


READY
Navi
Audio
Telephone
Video
Vehicle
Category: POP
1 StarLite
2 • Gold
• Hits 1
Movin EZ
• Love
Linda Ronstadt: When Will I Be Loved (1975)
Sat Radio
Presets
Info
Category
Sound
72°F
AUTO
AUTO
AC
AUTO
AUTO
72°F
1
2
3
4
5
6
7
8
9
10

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① Main area with channel display
② Preset position of selected channel
③ Selected channel
④ Selected program category
⑤ Sound settings
⑥ To select program category
⑦ Artist and song title
⑧ Other channel information
⑨ Preset options
⑩ Satellite radio options

ℹ Main area ① can show all channels included in your subscription. Which channels are shown depends on the selected program category ④.
Note that categories and channels shown in illustrations are dependent on programming content delivered by the service provider. Programming content is subject to change.
Therefore, channel and categories shown in illustrations and descriptions contained in this manual may differ from the channels and categories delivered by the service provider.

Selecting program category

ℹ The channels are categorized. Categories allow you to tune to stations broadcasting a certain type of program.

Satellite radio channels are split up into categories such as News, Sports, Rock, or Country, if available.

▶ Select `Audio` → `Audio` → `Sat Radio` → `Category`.
The category list appears.

COMAND satellite radio

- Select category by rotating ⟲◎⟳ or sliding ↑◎↓ and press ⊛.
  When selecting a channel using the channel search function or the channel list, you have access to the channels you subscribe to and which are included in the selected category.

ⓘ When you select the category `All Channels`, you have access to all the channels you subscribe to, regardless of category, when you are tuning in a channel using the channel search function or the channel list.

Tuning in channels

You have the following selection options:

- The channel search function
- The channel presets
- The manual channel number entry
- The channel list

Tuning in channels using channel search function

ⓘ If you try to tune in a channel when the satellite radio service is not activated, you will see the screen described in the section “Satellite radio service is not activated” (▷ page 194).

- Slide ←◎→ or rotate ⟲◎⟳ when the main area is selected.
  Depending on the direction in which the controller is being pressed or rotated, the system searches upward or downward and stops at the next receivable channel.

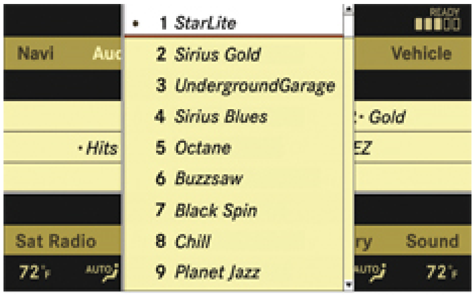
ⓘ Which channels are found by the channel search function depends on which channels you have subscribed to and the program category you have selected (▷ page 195).

Tuning in channels using channel presets

- Select `Audio` → `Audio` → `Sat Radio` → `Presets`.

or

- Press ⊛ when the main area is selected.
  The preset menu appears. The dot • in front of a preset position indicates that this is the channel currently selected and being listened to.



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- Select station preset and briefly press ⊛.

or

- Enter a position number with the telephone keypad using the **1** - **9** buttons (▷ page 85).
  COMAND tunes in the corresponding channel as long as it is included in your subscription and is still available.

If the channel is not included in your subscription, you will see the message described in the section “Satellite radio service is not activated” (▷ page 194).

If the channel is no longer available, you will see the message `Invalid Channel`.

- **Closing message:** Press ⊛.

Tuning in channels using manual channel number entry

ℹ If you try to tune in a channel when the satellite radio service is not activated, you will see the screen described in the section “Satellite radio service is not activated” (▷ page 194).

Entering the channel number using the COMAND controller

- Select Audio → Audio → Sat Radio → Sat Radio → Channel Entry.
  The menu for manual channel number entry appears.
- **Exiting menu without making an entry:** Press ⟵ back button in the center console (▷ page 90).
- **Increase or decreasing number:** Slide ↑◎↓ or rotate ⟲◎⟳.
- **Selecting next number:** Slide ←◎→.
- **Confirming channel entry:** Press ◎.
  Further operation depends on whether the selected channel number is valid or if the channel is included in your subscription.

Entering the channel number using the telephone keypad

- Press * + on the telephone keypad (▷ page 85).
- Enter channel number using the 0 ␣ - 9 WXYZ buttons.
  Further operation depends on whether the selected channel number is valid or if the channel is included in your subscription.

Channel number is valid and channel is included in subscription

COMAND tunes in the channel entered.

Channel number is invalid

You will see the message Invalid Channel.

- **Closing message:** Press ◎.

Channel number is valid but channel is not included in subscription

You will see the screen described in the section “Satellite radio service is not activated” (▷ page 194).

- **Closing display:** Press ◎.

Tuning in channels using the channel list

- Select Audio → Audio → Sat Radio → Sat Radio → Channel List.
  The channel list appears. The dot ● in front of a list entry indicates the currently selected channel.
- Select channel by rotating ⟲◎⟳ or sliding ↑◎↓ and press ◎.

ℹ The contents of the channel list depends on which channels are included in your subscription and which program category you have selected (▷ page 195). If satellite radio service is not activated, the channel list contains only the preview channel.

Saving channels

ℹ There are 20 preset positions available.

Option 1

- Select Audio → Audio → Sat Radio → Sat Radio → Save Channel.

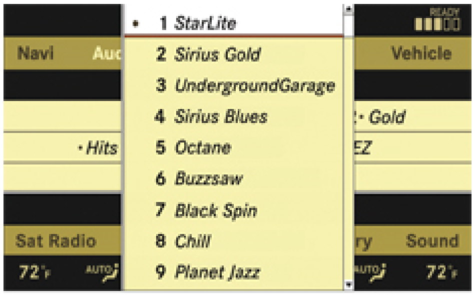
Option 2

- ▶ Press ⊛ when the main area is selected.

Option 3

- ▶ Select `Audio` → `Audio` → `Sat Radio` → `Presets`.

All three of these will call up a preset menu. The dot • in front of a preset position indicates that this is the channel currently selected and being listened to.


Navi
Aud
Vehicle
• 1 StarLite
2 Sirius Gold
3 UndergroundGarage
4 Sirius Blues
5 Octane
6 Buzzsaw
7 Black Spin
8 Chill
9 Planet Jazz
• Hits
Gold
EZ
Sat Radio
Sound
72°F
AUTO
READY

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- ▶ **Selecting a preset position:** Slide ↑◎↓ or rotate ⟲◎⟳.

Saving a channel to a selected preset position

If you have called up the channel preset screen using option 1:

- ▶ Press ⊛ briefly.

In options 2 and 3:

- ▶ Press and hold ⊛ until you hear a signal. The channel is saved.

Show program info

- ▶ Select → `Audio` → `Audio` → `Sat Radio` → `Info`.

ℹ If the program provider does not offer any information, the `Info` menu item cannot be selected.

You will see a screen that may contain the following information:

- Selected program category
- Selected channel
- Artist of the track currently being played
- Name of current track

ℹ The program provider determines what information is displayed on the screen.

COMAND shows no more than two lines per item of information. If an item of information is too long, COMAND shortens it.

- ▶ **Closing screen:** Slide ←◎→ or press ⊛.

Channel update

The service provider may conduct a channel update.

During the update, the message `Updating channels...` will appear on the display. No functions can be operated in satellite radio mode during the update.

Calling SIRIUS Service Center

ℹ It may be necessary to call the SIRIUS Service Center if, for example:

- You want to cancel the subscription or resubscribe at a later date.
- You have forgotten to pay the bill.
- You sell the vehicle.

▶ Select → Audio → Audio → Sat Radio → Sat Radio → Service.
The telephone number of the SIRIUS Service Center and the twelve-digit electronic serial number (SIRIUS-ID) of the particular receiver are displayed.

▶ **Closing screen:** Slide ←◎→ or press ↶.

COMAND audio CD/audio DVD/MP3

Safety notes

⚠ **Warning!**

COMAND is classified as a Class 1 laser product. You must not open the casing. There is a risk of exposure to invisible laser radiation if you open the casing, or if the casing is faulty or damaged.

COMAND does not contain any parts that you are able to maintain yourself. For safety reasons, all maintenance work must be carried out by qualified technicians.

⚠ **Warning!**

Only carry out the following when the vehicle is stationary:

- Inserting a disc
- Ejecting a disc

There is a risk of accident by being distracted from road and traffic conditions if you load a CD/DVD while the vehicle is in motion.

Bear in mind that at a speed of just 30 mph (approximately 50 km/h), your vehicle is covering a distance of 44 feet (approximately 14 m) every second.

Notes about MP3 mode

Permissible media for MP3/WMA files

- CD-R and CD-RW
- DVD-R and DVD-RW
- PCMCIA card (▷ page 204)

Permissible file systems

- ISO9660/Joliet for CDs
- UDF for DVDs
- FAT16 or FAT32 for PCMCIA cards with storage medium

Multisession CDs

For multisession CDs, the first session type of the CD determines how COMAND will process the CD.

For example, if the first session type is according to the audio CD standard and the second session type is according to the data CD standard containing MP3/WMA tracks, COMAND will treat the CD as a conventional audio CD. This means that it is only possible

▷▷

to access the audio CD tracks. Access to the MP3/WMA tracks is not possible.

Similarly, if the first session type is according to the data CD standard containing MP3/ WMA tracks and the second session type is according to the audio CD standard, COMAND will treat the CD as a data CD. This means that it is only possible to access the MP3/WMA tracks. Access to the audio CD tracks is not possible.

File structure on a disc

When you create an MP3/WMA disc, the MP3/WMA tracks can be organized in folders. A folder can also contain other folders. A disc can contain a maximum of 255 folders. Each folder can contain a maximum of 255 tracks and 255 folders. A data medium may contain a maximum of 500 tracks.

Track and folder names

When you create an MP3/WMA disc, you can assign names to the MP3/WMA tracks and folders.

COMAND uses these names for the corresponding display in MP3 mode. Empty folders or folders which contain data other than MP3/WMA tracks are not displayed by COMAND.

If MP3/WMA files are saved in the root directory itself (uppermost directory on storage medium), the root directory will also be treated as a folder. COMAND will then show the name of the root directory as the folder name.

You must observe the following when assigning track names:

- Track names must have at least one character.
- Track names must have the extension “mp3” or “wma”.
- There must be a period between the track name and the extension.

  Example of a correct track name: Track1.mp3

COMAND is unable to recognize an MP3/ WMA track if:

- there is no period between the track title and the extension
- there is no extension

ℹ COMAND does not support ID3 tags.

Compatible file systems and compression methods

The following compression methods are compatible:

- MP3
- WMA

ℹ If music files created using different compression methods other than MP3 are stored together on a disc, the loading process may take longer.

Permissible MP3 formats

COMAND supports the MPEG1 Audio Layer 3 format.

ℹ This format is generally known as “MP3”.

Permissible bit and sampling rates

- Fixed and variable bit rates up to 320 kbit/s
- Sampling rates from 24 kHz to 48 kHz

ℹ Only use MP3 tracks with a bit rate of at least 128 kbit/s and a sampling rate of at least 44.1 kHz. Smaller rates can cause a noticeable deterioration in sound quality.

This is especially the case if you have activated the surround sound function.

WMA (Windows Media Audio)

Windows Media Audio (WMA) is an audio data compression technology developed by Microsoft.

The audio system supports the following types of audio files:

- fixed bit rates of 5 kBit/s up to 384 kBit/s
- sampling rates from 8 kHz to 48 kHz

The audio system does not support the following WMA files:

- DRM (Digital Rights Management) coded files
- variable bit rates
- WMA Pro
- 5.1 Surround

Notes on copyright

The music tracks that you create and play back in the MP3 or WMA format are generally subject to copyright protection in accordance with the applicable international and national regulations.

In many countries, reproductions are not permitted without the prior consent of the copyright holder, not even for private use.

Make sure that you know the applicable copyright regulations and that you comply with these.

If you own these rights yourself, e.g. for your own compositions and recordings, or the copyright holder has granted you permission, these restrictions do not apply.

Notes about audio DVD operation

COMAND can playback commercially available, prerecorded audio DVDs that bear the following label. You will usually find the label on the DVD booklet, the inlay, or the DVD itself.

DVD
AUDIO

ℹ Audio DVDs differ from recordable DVD-R and DVD-RW discs.

Data on audio DVDs are stored either in uncompressed format or in lossless compressed format. The sound quality on audio DVDs is therefore better than on recordable DVDs that contain MP3 data because the MP3 format uses a lossy type of compression.

You cannot delete data from or record additional data to commercially available, prerecorded audio DVDs.

Please note the following information about CDs/DVDs and pay special attention to the notes on copied and/or self-written CDs/DVDs.

Notes about CDs/DVDs

ℹ Audio CDs with copy protection are not compatible with the CD audio standard and therefore may not be able to be played by COMAND.

There may be playback problems when playing copied discs.

There is a large variety of discs, disc-writing software and writers available. This variety means that there is no guarantee that the system will be able to play discs that you have written/copied yourself.

There may be playback problems if you use CD-R or CD-RW type discs you have copied yourself with a storage capacity of more than 700 MB. These CDs are not compatible with currently applicable standards.

COMAND audio CD/audio DVD/MP3

! Do not affix stickers or labels to the discs. These could peel away and damage COMAND. COMAND is designed to hold discs which comply with the IEC 60908 standard. You can therefore only use discs with a maximum thickness of 1.3 mm.

If you insert thicker discs, e. g. those that contain data on both sides (DVD on one side and audio data on the other), they cannot be ejected and can damage COMAND.

Do not use CDs with a diameter of 8 cm. Attempting to play discs with a diameter of 8 cm or playing such discs with an adapter may cause damage COMAND.

Such damages are not covered by the Mercedes-Benz Limited Warranty.

Only use round discs with a diameter of 12 cm.

Notes about handling CDs/DVDs

- Only hold discs by the edge.
- Handle discs carefully to prevent playback problems.
- Avoid getting scratches, fingerprints and dust on discs.
- Clean discs from time to time with a commercially-available cleaning cloth. Do not wipe them with a circular motion, but only in straight lines from the center outwards.
- Only use a pen designed for such a purpose to label discs.
- Place discs back in their boxes after use.
- Protect discs from heat and direct sunlight.

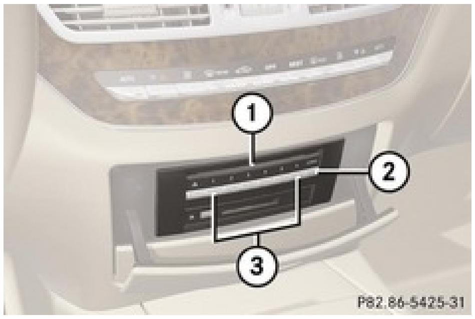
Inserting CDs and DVDs

⚠ **Observe Safety notes, see page 199.**

ℹ If the CD/DVD has a printed side, this must face upwards when the CD/DVD is inserted. If neither side is printed, the side to be played should face downwards.

Loading the CD/DVD changer

The CD/DVD changer can hold up to a total of 6 audio CDs or DVDs.



① Disc slot
② Load button (all magazine trays)
③ Magazine tray buttons 1 – 6

ℹ Each magazine tray button ③ indicates the status of the corresponding magazine tray by means of an LED.

- LED off = magazine tray is empty
- LED constantly lit = magazine tray is loaded
- LED flashes = CD/DVD changer requesting disc to be loaded

Loading an individual magazine tray

▶ Press desired magazine tray button ③. If a disc is loaded, it will be ejected.

▶ Take disc out of slot ①.

- ▶ Wait until LED for magazine tray button ③ which you pressed flashes quickly.
- ▶ Insert disc into slot ①.
  The DVD changer draws the disc in and begins playback if:
  - it has been loaded correctly
  - it is a permissible type of disc

Loading all six magazine trays

- ▶ Press load button ②.
  The DVD changer checks the load status of all magazine trays and switches to the first empty tray.
- ▶ Wait until LED for corresponding magazine tray button ③ flashes quickly.
- ▶ Insert disc into slot ①.
  The DVD changer switches to the next empty magazine tray.

ℹ If a disc is not inserted within approximately 15 seconds COMAND resumes playback of the last disc.

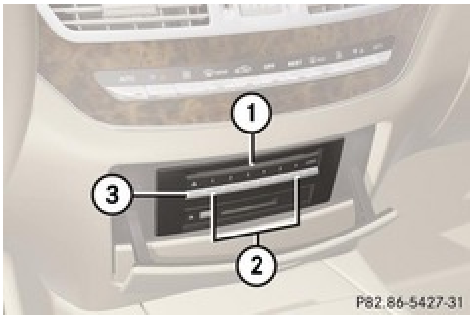
- ▶ Repeat last two steps until all trays are loaded.

The DVD changer will play the last disc you have loaded if:

- it has been loaded correctly
- it is a permissible type of disc

Ejecting CDs and DVDs

⚠ **Observe Safety notes, see page 199.**



① Disc slot
② Magazine tray buttons 1 – 6
③ Eject button (all discs)

ℹ If you eject one disc while playing another disc, the DVD changer interrupts playback.

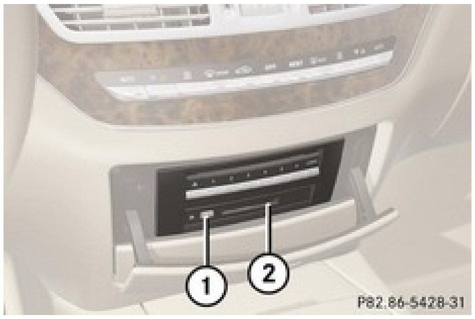
Playback continues once the disc has been ejected.

- ▶ **Ejecting one disc:** Press desired magazine tray button ②.
- ▶ Take disc out of slot ①.
  If you do not take the disc out of slot ①, the DVD changer will draw it back automatically in approximately 15 seconds.
- ▶ **Ejecting all discs:** Press eject button ③.
  The DVD changer switches to the first loaded tray and ejects the disc.
- ▶ Take disc out of slot ①.
  The DVD changer switches to the next loaded magazine tray and ejects the disc.
- ▶ Repeat last step until magazine is empty.

COMAND audio CD/audio DVD/MP3

Inserting/Ejecting a PCMCIA card

ℹ COMAND supports commercially available PCMCIA cards or PCMCIA card adapters with storage media that may not be designed for the temperatures which occur in the vehicle. You should therefore remove the PCMCIA card from the vehicle when not in use since extreme temperatures could damage these devices.



① Eject button
② Slot for PCMCIA card

- ▶ **Inserting:** Insert PCMCIA card into slot ②. The side with the contact must point towards the slot.
  If the PCMCIA card contains a storage medium with MP3 tracks, COMAND switches to MP3 mode.
- ▶ **Ejecting:** Press eject button ① twice.
  The PCMCIA card is ejected.
- ▶ Take PCMCIA card out of slot ②.

Submenu overview

ℹ The components and operating principles of COMAND can be found on (▷ page 82).

CD or DVD-A or MP3	Pause/Stop/Play (audio DVD mode only)	Tracks/ Track List/ Tracks A-Z	Folders (MP3 mode only)	Changer	Sound
Normal Track Sequence	Pausing playback	Showing track list (audio CD mode and audio DVD mode)	Selecting folder	Selecting medium	Treble
Random Tracks	Stopping playback	Displaying alphabetical track listing (MP3 mode only)			Bass
Random folder (MP3 mode only)	Restarting playback				Balance/Fader
Repeat folder (MP3 mode only) Group (DVD-Audio mode only)					3D Sound

COMAND audio CD/audio DVD/MP3

Switching to audio CD, audio DVD or MP3 mode

- ▶ Load CD/DVD (▷ page 202) or PCMCIA card (▷ page 204).

or

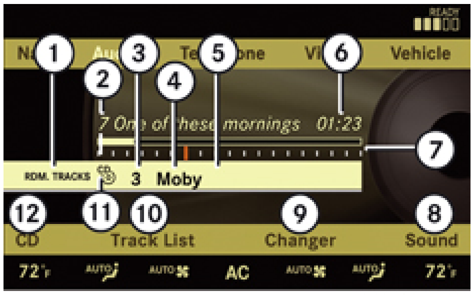
- ▶ Select `Audio` → `Audio`, then `CD`, `DVD-Audio` or `MP3`.

or

- ▶ Press the DISC RADIO shortcut button once or twice.

ℹ The DISC RADIO shortcut button takes you directly to the previously set disc mode (audio CD/DVD, MP3-CD/DVD, video DVD or PCMCIA card). The number of times you have to press the shortcut button depends on the previously set mode.

Example display in audio CD mode



READY
1
2
3
4
5
6
Vehicle
7 One of these mornings 01:23
7
RDM. TRACKS
3 Moby
12
11
10
9
8
CD
Track List
Changer
Sound
72°F
AC
72°F

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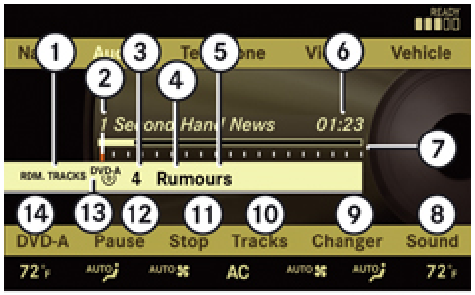
① Current playback option
② Track number
③ Disc number
④ Disc name (only if saved on the disc)
⑤ Track name (only if saved on the disc)
⑥ Track time
⑦ Graphic time and track display
⑧ Sound settings
⑨ Medium selection
⑩ To call up track listing
⑪ Disc type
⑫ Playback options

Example display in audio DVD mode



READY
1
2
3
4
5
6
Vehicle
1 Second Hand News 01:23
7
RDM. TRACKS
DVD-A
4 Rumours
14
13
12
11
10
9
8
DVD-A
Pause
Stop
Tracks
Changer
Sound
72°F
AC
72°F

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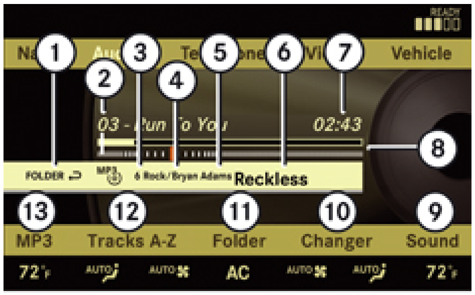
① Current playback option
② Track number
③ Disc number
④ Disc name (only if saved on the disc)
⑤ Track name (only if saved on the disc)
⑥ Track time
⑦ Graphic time and track display
⑧ Sound settings
⑨ Medium selection
⑩ To call up track listing
⑪ Stop function
⑫ Pause (`Play` appears if paused)
⑬ Disc type
⑭ Playback options

Example display in MP3 mode


READY
Na
Au
Te
one
VI
Vehicle
03 - Run To You
02:43
FOLDER
MP3
6 Rock/Bryan Adams
Reckless
MP3
Tracks A-Z
Folder
Changer
Sound
72°F
AUTO
AUTO
AC
AUTO
AUTO
72°F
1
2
3
4
5
6
7
8
9
10
11
12
13

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① Current playback option
② Medium type
③ Disc number (not on PCMCIA card)
④ Track name
⑤ Current folder path
⑥ Current folder
⑦ Track time
⑧ Graphic time and track display
⑨ Sound settings
⑩ Medium selection
⑪ Folder listing
⑫ Track listing
⑬ Playback options

Stop function

ℹ This function is only available in audio DVD mode.

- **Stopping playback:** Select `Audio` → `Audio` → `DVD-Audio` → `Stop`.
- **Restarting playback:** Select `Audio` → `Audio` → `DVD-Audio` → `Play`. Playback starts at the beginning of the DVD.

Pause function

In audio CD, audio DVD and MP3 mode

- **Pausing playback:** Press 🔇 briefly.
- **Continuing playback:** Press 🔇 again briefly.

Only in audio DVD mode

- **Pausing playback:** Select `Audio` → `Audio` → `DVD-Audio` → `Pause`. The `Pause` screen changes to `Play`.
- **Continuing playback:** Select `Audio` → `Audio` → `DVD-Audio` → `Play`. The `Play` screen changes to `Pause`.

Selecting CD/DVD/MP3 media

- Select `Audio` → `Audio`.
- Select `CD`, `DVD-Audio` or `MP3`. COMAND begins playback.
- **In audio CD, audio DVD and MP3 mode:** Select `Changer`.

or

- **In audio CD and audio DVD mode only:** Press ◉ when the main area is selected. The media list appears. The dot ● indicates the current medium.
- Select a medium or folder. COMAND changes the medium.

or

- Enter a magazine tray number with the telephone keypad using the 1 - 9 buttons (▷ page 85).

Selecting a track

Selecting by skipping to tracks

- **Skipping forwards or backwards to a track (in CD or DVD mode only):** Rotate ⟲◎⟳.

ℹ Skipping forwards through the tracks skips to the next track. Skipping backwards through the tracks skips to the beginning of the current track if the track has been playing for more than 8 seconds.
If the track has been playing for less than 8 seconds, it skips to the start of the previous track.
If you have switched on the Random Tracks playback option, the order of the tracks is random.

Selecting from the track list

- Select Audio → Audio.
- Select CD, DVD-Audio or MP3.

Selecting a track using the COMAND controller

- Select Tracks, Tracks A-Z or Track list.

or

- **Only in MP3 mode:** Press ◎ when the main area is selected.
  The track list of the current folder appears.
  The dot ● indicates the current track.
- Select a track by rotating ⟲◎⟳ or sliding ↑◎↓.

ℹ In MP3 mode, the list shows all the tracks in alphabetical order.

Selecting a track using the telephone keypad

- Press * + on the telephone keypad (▷ page 85).
- Enter track number using the 1 - 9 WXYZ buttons.

Fast forward/rewind

- Select main area.
- Slide and hold ←◎→ until desired place is reached.

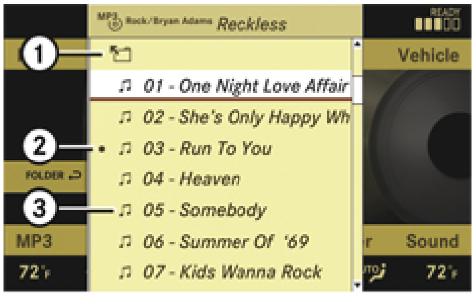
Selecting a folder

ℹ This function is only available in audio MP3 mode.

- Select Audio → Audio → MP3 → Folder.

or

- Press ◎ when main area is selected.
  The track list of the current folder appears.


MP3 Rock/Bryan Adams Reckless
READY
1
2
3
Vehicle
01 - One Night Love Affair
02 - She's Only Happy Wh
03 - Run To You
04 - Heaven
05 - Somebody
06 - Summer Of '69
07 - Kids Wanna Rock
FOLDER
MP3
72°F
Sound
72°F

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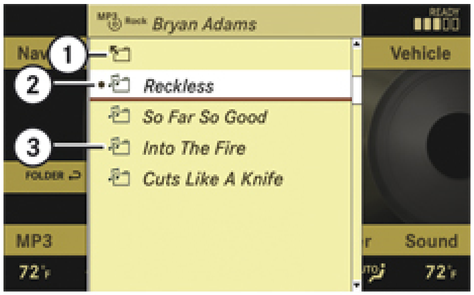
① Back folder symbol
② Current track symbol
③ Track symbol

- ▶ **Move to the superordinate folder:** Select the ↰ symbol.
  The display changes to the next folder up in the folder structure on the disc.


MP3 Rock Bryan Adams
READY
Nav
1
2
3
Vehicle
Reckless
So Far So Good
Into The Fire
Cuts Like A Knife
FOLDER
MP3
72°F
Sound
72°F

P82.86-6620-31

① Back folder symbol
② Current folder symbol
③ Folder symbol containing tracks

- ▶ **Selecting a folder:** Select desired folder.
  You will see the tracks in the folder.
- ▶ Select a track.
  The track is played and the corresponding folder is now the active folder.

Setting the audio format

This function lets you choose the audio format that you would like COMAND to play and is only available in DVD-Audio mode.

ℹ The tracks on an audio DVD can be stored in various audio formats. The number of audio formats depends on the audio DVD.

- ▶ Select `Audio` → `Audio` → `DVD-Audio` → `Group`.

ℹ The `Group` menu item cannot be selected if only one audio format is saved on the DVD.

The list of available audio formats appears. A dot ● indicates the format currently selected.

- ▶ **Changing setting:** Slide ↑◎↓ or rotate ⟲◎⟳.
- ▶ **Exiting menu:** Slide ←◎→.

Playback options

The following options are available:

- `Normal Track Sequence`
  Tracks playback in the order on the disc (e. g. track 1, 2, 3, etc.).
- `Random Tracks`
  Tracks playback in a random order (e. g. track 3, 8, 5, etc.).
- `Random Folder` (in MP3 mode only)
  Tracks in the active folder and any subfolders playback in random order.
- `Repeat Folder` (in MP3 mode only)
  Tracks in the active folder will be repeated until you switch the function off.

▶ **Selecting an option:** Select `Audio` → `Audio`.

▶ Select `CD`, `DVD-Audio` or `MP3`.
The option list appears. A dot ● indicates which option is switched on.

▶ Select an option and press ⊚.
The option is switched on. For all options except `Normal Track Sequence`, you will see a corresponding indicator in the main area.

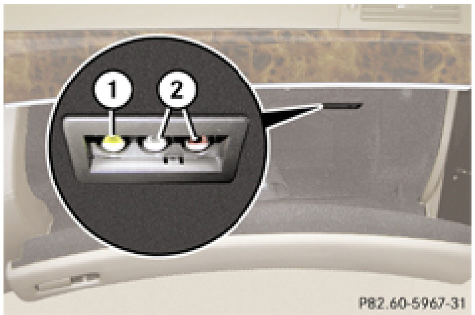
ℹ The `Normal Track Sequence` option is automatically activated when you select a different medium. If an option is activated, it remains activated after COMAND is switched on/off.

COMAND AUX

You can connect an external audio or video source (AUX) to COMAND.

Audio and Video AUX socket

The Audio and Video AUX-jacks to which external audio/video sources can be connected are located in the glove box.

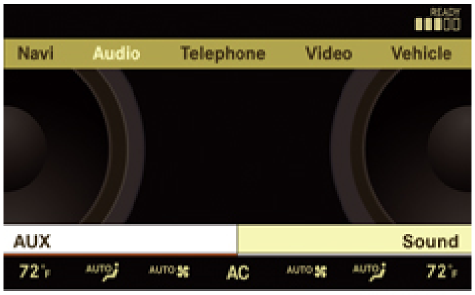


① Video AUX jack
② Audio AUX jack

Audio AUX

Switching to Audio AUX mode

▶ Select Audio → Audio → AUX.
The Audio AUX menu appears. You will hear the medium in the external audio source if it has been connected and switched to play.



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ℹ Please refer to the corresponding operating instructions for information about how to operate the external audio source.

You can adjust the following settings in Audio AUX mode:

- Volume (▷ page 92)
- Balance and fader (▷ page 93)
- Treble and bass (▷ page 93)
- Surround sound (▷ page 93)

⚠ **Warning**

Due to the different volumes of the external audio sources, system messages (e.g. navigation announcements) may be much louder. You may need to disable these system messages or adjust the volume of these messages manually.

ℹ The volume of external audio sources is extremely variable. It is possible that a device connected as an external audio source will sound quieter or louder in the vehicle or that the usual maximum volume cannot be achieved. On certain devices the volume can be set separately. In this case start at a moderate volume and increase it slowly. In this way you can determine whether the system is capable of playback without distortion, even at high volume.

Video AUX

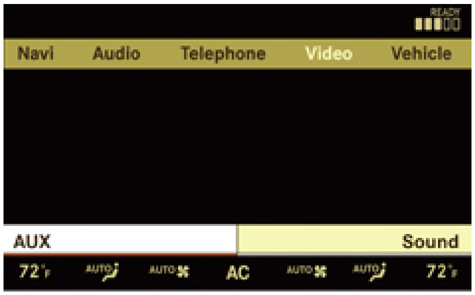
Automatic picture fade-out

If a video is playing when the vehicle is shifted from park position **P** into neutral position **N**, drive position **D** or reverse gear **R** the picture is faded out automatically and the following message appears in the display: In order not to distract driver, picture is faded out while the vehicle is in motion.

When the vehicle is shifted back into park position **P**, the picture comes on again.

Switching to Video AUX mode

▶ Select Video → Video → AUX.
The Video AUX menu appears. You will see the medium in the external audio source if it has been connected and switched to play.


READY
Navi
Audio
Telephone
Video
Vehicle
AUX
Sound
72°F
AUTO
AUTO
AC
AUTO
AUTO
72°F

P82.86-9171-31

ℹ Please refer to the corresponding operating instructions for information about how to operate the external video source.

You can adjust the following settings in Video AUX mode:

- Screen settings (▷ page 212)
- Volume (▷ page 92)
- Balance and fader (▷ page 93)
- Treble and bass (▷ page 93)
- Surround sound (▷ page 93)

Screen settings

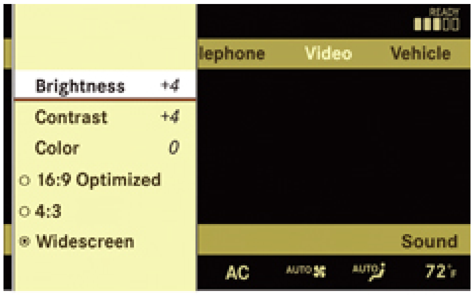
Setting brightness, contrast and color

▶ Show the menu system, if necessary (▷ page 215).

▶ Select `Video` → `AUX` → `AUX`.
The menu appears.

▶ **Select a setting:** Slide ↑◎↓ or turn ⟨◎⟩.

▶ Press ◉.


READY
lephone
Video
Vehicle
Sound
AC
AUTO
AUTO
72°F

Brightness +4
Contrast +4
Color 0
○ 16:9 Optimized
○ 4:3
● Widescreen

P82.86-9172-31

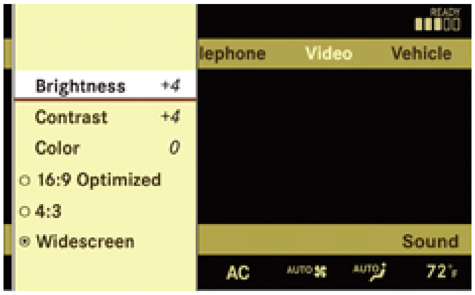
▶ **Changing settings:** Slide ↑◎↓ or turn ⟨◎⟩ until you reach the desired setting.

▶ **Saving settings:** Press ◉.

Changing the picture format

▶ Show the menu system, if necessary (▷ page 215).

▶ Select `Video` → `AUX` → `AUX`.
The DVD-V menu appears. The dot ● in front of a menu item - `16:9 Optimized`, `4:3` or `Widescreen` indicates the current format.


READY
lephone
Video
Vehicle
Sound
AC
AUTO
AUTO
72°F

Brightness +4
Contrast +4
Color 0
○ 16:9 Optimized
○ 4:3
● Widescreen

P82.86-9172-31

▶ **Changing the format:** Slide ↑◎↓ or turn ⟨◎⟩, until you reach the desired setting.

▶ **Saving the format:** Press ◉.

COMAND video DVD

Safety notes

⚠ **Observe Safety notes, see page 199.**

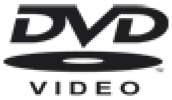
Automatic picture fade-out

If a video DVD is playing when the vehicle is shifted from park position **P** into neutral position **N**, drive position **D** or reverse gear **R** the picture is faded out automatically and the following message appears in the display: `In order not to distract driver, picture is faded out while the vehicle is in motion.`

When the vehicle is shifted back into park position **P**, the picture comes on again.

Notes about video DVD operation

COMAND can playback commercially available, prerecorded video DVDs that bear the following label. You will usually find the label on the DVD booklet, the inlay, or the DVD itself.



ℹ Video DVDs differ from recordable DVD-R and DVD-RW discs.

ℹ There may be playback problems when playing copied DVDs.

There is a large variety of discs, disc-writing software and writers available. This variety means that there is no guarantee that the system will be able to play discs that you have written/copied yourself.

Some DVDs may not comply with the NTSC or PAL TV playback standards. Sound, picture and other playback problems may occur when you play such DVDs.

COMAND can playback video DVDs meeting the following requirements:

- Correct regional code
- NTSC or PAL TV standard

The appropriate information is usually given either on the DVD or the DVD box. The factory setting of COMAND is regional code 1. The setting can be changed at an authorized Mercedes-Benz Center. This will allow you to playback video DVDs with other regional codes, as long as they comply with the NTSC or PAL TV standard.

Notes about DVDs

! Do not affix stickers or labels to the discs. These could peel away and damage COMAND. COMAND is designed to hold discs which comply with the IEC 60908 standard. You can therefore only use discs with a maximum thickness of 1.3 mm.

If you insert thicker discs, e. g. those that contain data on both sides (DVD on one side and audio data on the other), they cannot be ejected and can damage COMAND.

▷▷

COMAND video DVD

Do not use CDs with a diameter of 8 cm. Attempting to play discs with a diameter of 8 cm or playing such discs with an adapter may cause damage COMAND.

Such damages are not covered by the Mercedes-Benz Limited Warranty.

Only use round discs with a diameter of 12 cm.

Notes about handling DVDs

For notes about handling DVDs, see (▷ page 202).

Functional limitations

Depending on the DVD, it is possible that certain functions or actions may be temporarily or permanently unavailable. If you try to utilize such functions or carry out such actions, you will see the ⃠ symbol in the display.

Inserting or ejecting DVDs

⚠ **Observe Safety notes, see page 202.**

- ▶ Inserting a DVD (▷ page 202).

or

- ▶ Ejecting a DVD (▷ page 203).

Submenu overview of video DVD

DVD-V	Pause/Play	Stop	Changer	Sound
DVD Functions	Pausing playback	Pausing Playback	Selecting medium	Treble
Brightness	Continuing playback	Stopping playback		Bass
Contrast	Restarting playback			Balance/Fader
Color				3D Sound
16:9 Optimized				

DVD-V	Pause/Play	Stop	Changer	Sound
4:3				
Widescreen				

Switching to video DVD mode

- ▶ Insert a DVD (▷ page 202).

or

- ▶ Select `Video` → `Video` → `Video DVD`.

or

- ▶ Press the DISC RADIO shortcut button once or twice.

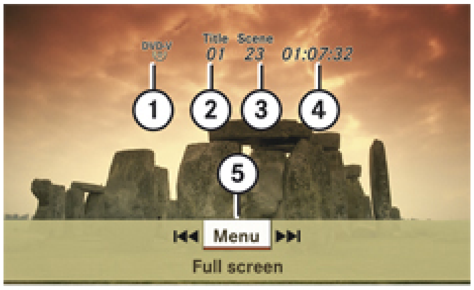
ℹ The DISC RADIO shortcut button takes you directly to the previously set disc mode (audio CD/DVD, MP3-CD/DVD or video DVD). The number of times you have to press the shortcut button depends on the previously set mode.

Hiding/showing the DVD control menu

- ▶ **Hiding the menu:** Slide ↑◎↓.
- ▶ **Showing the menu:** Slide ↑◎↓.

or

- ▶ Wait for approximately 8 seconds.

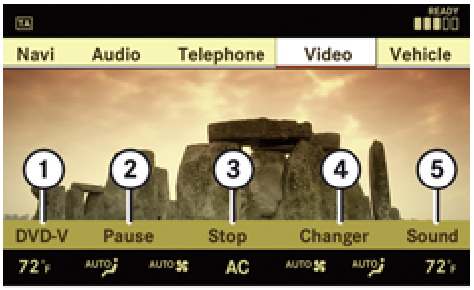

DVD-V
Title
Scene
01
23
01:07:32
1
2
3
4
5
Menu
Full screen
P82.86-5316-31

Control menu

① Disc type
② Current track
③ Current scene
④ Elapsed track time
⑤ Show the menu system

Hiding/showing the menu system

- ▶ **Showing the menu:** Press ⊛.
- ▶ **Hiding the menu:** Press ⊛ when the main menu area is selected.


READY
Navi
Audio
Telephone
Video
Vehicle
1
2
3
4
5
DVD-V
Pause
Stop
Changer
Sound
72°F
AUTO
AUTO
AC
AUTO
AUTO
72°F
P82.86-9173-31

Menu system

① Video DVD options
② Pause

▷▷

③ Stop
④ Medium selection
⑤ Sound settings

Fast forward/rewind

- Slide ←◎→ and hold until you get to the desired scene.

Selecting the DVD medium

- Select Video → Video → Video DVD.
- Show the menu system, if necessary (▷ page 215).
- Select Changer.
  The media list appears. The dot ● indicates the current medium.
- Select a medium.
  COMAND changes the medium.

Stop playback

- Select Video → Video → Video DVD.
- Show the menu system, if necessary (▷ page 215).
- **Stop play:** Select Stop.
  In the display, Pause changes to Play.
- **Continue playback:** Select Play.
  Play is continued from the point at which it was stopped.
- **Stop playback:** Select Stop again while playback is stopped.

or

- Select Stop twice in quick succession during playback.
- **Resume playback:** Select Play.
  Playbacks starts again from the beginning.

Pause playback

- Select Video → Video → Video DVD.
- Show the menu system, if necessary (▷ page 215).
- **Pause playback:** Select Pause.
  In the display, Pause changes to Play.
- **Continue playback:** Select Play.
  Play is continued from the point at which it was stopped.

Selecting scene/chapter

Entering scene/chapter using the COMAND controller

- Make sure that the control menu is shown (▷ page 215).
- **Skipping forwards or back:** Slide ←◎→ or turn ⟲◎⟳.

Entering the scene/chapter using the telephone keypad

- Press * + on the telephone keypad (▷ page 85).
- Enter scene/chapter using the 1 - 9 WXYZ buttons.
  COMAND tunes in to the scene/chapter entered.

Selecting film/track

ⓘ This function is only available if the DVD is comprised of several film/tracks.

- Select Video → Video → Video DVD.
- Show the menu system, if necessary (▷ page 215).
- Select DVD-V → DVD Functions → Title selection.
  A selection list appears.
- Select a film/track.

Screen settings

Setting brightness, contrast and color

- Select Video → Video → Video DVD.
- Show the menu system, if necessary (▷ page 215).
- Select DVD-V → Brightness → Contrast or Color.
- **Changing settings:** Slide ↑◎↓ or turn ⟲◎⟳ until you reach the desired setting.
- **Saving settings:** Press ⊛.

Changing the picture format

- Select Video → Video → Video DVD.
- Show the menu system, if necessary (▷ page 215).
- Select DVD-V.
  The DVD-V menu appears. The dot ● in front of a menu item - 16:9 Optimized, 4:3 or Widescreen indicates the current format.
- **Changing the format:** Slide ↑◎↓ or turn ⟲◎⟳, until you reach the desired setting.
- **Saving the format:** Press ⊛.

DVD menu

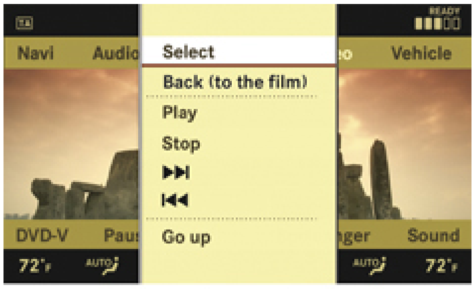
The DVD menu is the menu stored on the DVD itself. It is structured in various ways according to the individual DVD and permits certain actions and settings.

Calling up the DVD menu

- Select Video → Video → Video DVD.
- Show the menu system, if necessary (▷ page 215).
- Select DVD-V → DVD Functions → Menu.
  The DVD menu appears.

Selecting menu items in the DVD menu

- Slide ↑◎↓ or ←◎→.
- **Confirming the selection:** Press ⊛.
  The selection menu appears.


Navi
Audio
Select
Back (to the film)
Play
Stop
⏭
⏮
Go up
Vehicle
DVD-V
Pau
ger
Sound
72°F
AUTO
READY

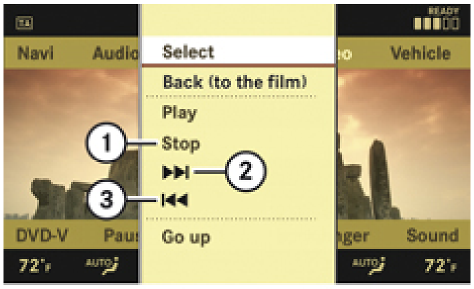
P82.86-5085-31

- **Reconfirming the selection:** Select `Select`.
  COMAND carries out the action defined by the selected DVD menu item.

ℹ Depending on the DVD, it is possible the menu item `Play` either has no function or has no function in certain parts of the DVD menu.

Stopping the film or skipping to the beginning/end of a scene

- Select a menu item of your choice from the DVD menu.
  The selection menu appears.


Navi
Audio
Select
Back (to the film)
Play
Stop
⏭
⏮
Go up
Vehicle
DVD-V
Pau
ger
Sound
72°F
AUTO
READY
1
2
3

P82.86-5086-31

① Stop film
② Skip to the end of a scene
③ Skip to the beginning of a scene

- **Stopping the film:** Select `Stop`.
- **Skipping to the end of a scene:** Select ⏭.
- **Skipping to the beginning of a scene:** Select ⏮.

ℹ Depending on the DVD, it is possible the menu items ⏭ and ⏮ either have no function or have no function in certain parts of the DVD menu.

Switching to the next highest DVD menu level

- Press the ↩ back button in the center console.

or

- Select the corresponding menu item in the DVD menu.

or

- Select a menu item of your choice from the DVD menu.
- Select the menu item `Go up` in the selection menu.

ℹ Depending on the DVD, it is possible the menu item `Go up` either has no function or has no function in certain parts of the DVD menu.

Back to the film

- Press the ↩ back button until you can see the film.

or

- Select the corresponding menu item in the DVD menu.

or

- Select a menu item of your choice from the DVD menu.

- ▶ Select the menu item Back (to the film) in the selection menu.

ℹ Depending on the DVD, it is possible the menu item Back (to the film) either has no function or has no function in certain parts of the DVD menu.

Setting the language and audio format

ℹ This function is not available for all DVDs. If it is available, you can set the language for the DVD menu and the audio language and/or the audio format. The number of settings you can make is determined by the content of the DVD. It may also be possible to make the settings in the DVD menu (▷ page 217).

- ▶ Select Video → Video → Video DVD.
- ▶ Show the menu system, if necessary (▷ page 215).
- ▶ Select DVD-V → DVD Functions.
- ▶ Select Menu Language or Audio Language.
  In both cases a selection list will appear. The dot ● in front of an entry indicates the current language.
- ▶ **Changing the setting:** Slide ↑◎↓ or turn ⟲◎⟳, until you reach the desired setting.
- ▶ **Saving a setting:** Press ◉.
- ▶ **Exiting the menu:** Slide ←◎→.

Subtitles and camera angles

ℹ This function is not available for all DVDs. The number of settings you can make is determined by the content of the DVD. It may also be possible to make the settings in the DVD menu (▷ page 217).

- ▶ Select Video → Video → Video DVD.
- ▶ Show the menu system, if necessary (▷ page 215).
- ▶ Select DVD-V → DVD Functions.
- ▶ Select Subtitles or Camera angle.
  In both cases a selection list will appear. The dot ● in front of an entry indicates the current language.
- ▶ **Changing the setting:** Slide ↑◎↓ or turn ⟲◎⟳, until you reach the desired setting.
- ▶ **Saving a setting:** Press ◉.
- ▶ **Exiting the menu:** Slide ←◎→.

Interactive content

ℹ DVDs may include interactive content (e. g. a video game). In a video game you can control the play by selecting and initiating actions. The type and number of actions depends on the DVD.

- ▶ **Selecting an action:** Slide ↑◎↓ or ←◎→, or turn ⟲◎⟳, until you reach the desired setting.
- ▶ **Initiating an action:** Press ◉.
  A menu appears, the first entry Select is highlighted.
- ▶ Press ◉.

COMAND vehicle menu

Introduction

In this menu, you can program the following vehicle functions:

Function
Exterior Lighting Delayed Switch-off (▷ page 220)
Locator Lighting (▷ page 221)
Exterior Mirror Convenience Settings (▷ page 222)
Automatic Locking (▷ page 222)
Easy Entry/Exit Feature (▷ page 223)
Interior Ambient Light (▷ page 224)
Interior Lighting Delayed Switch-off (▷ page 224)
Rear-window Sunshade (▷ page 225)
Trunk Opening-height Restriction (▷ page 226)

Setting night security illumination (Exterior Lighting Delayed Switch-off)

ℹ The components and operating principles of COMAND can be found on (▷ page 82).

Use this function to set whether and how long you would like the exterior lighting to illuminate during darkness after exiting the vehicle and all doors closed.

The exterior lighting automatically goes out after the delayed switch-off time has expired.

You can select:

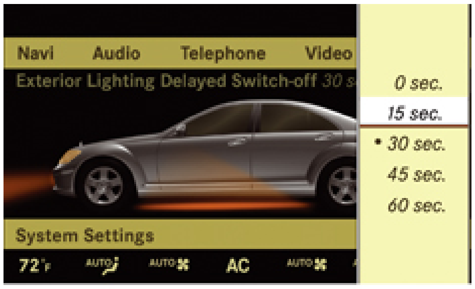
- `0 sec.`, the delayed switch-off feature is deactivated
- `15 sec.`, `30 sec.`, `45 sec.`, or `60 sec.`, the delayed switch-off feature is activated

ℹ You can reactivate this function within 10 minutes by opening a door.

▶ Select `Vehicle`.
The main area is active.

▶ **Selecting** `Exterior Lighting Delayed Switch-off` **menu:** Slide ←◎→ or rotate ⟲◎⟳.

▶ **Confirming selection:** Press ◎.



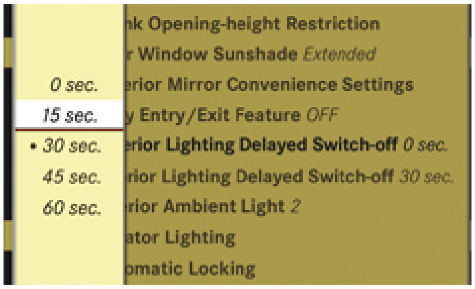
P82.86-9136-31

▶ **Selecting length of time:** Slide ↑◎↓ or rotate ⟲◎⟳.

▶ **Confirming selection:** Press ◎.

or

▶ Select `Vehicle` → `Vehicle` → `Exterior Lighting Delayed Switch-off`.
A selection list appears.
The current setting is indicated by a dot •.


0 sec.
15 sec.
• 30 sec.
45 sec.
60 sec.
nk Opening-height Restriction
r Window Sunshade Extended
erior Mirror Convenience Settings
y Entry/Exit Feature OFF
erior Lighting Delayed Switch-off 0 sec.
rior Lighting Delayed Switch-off 30 sec.
rior Ambient Light 2
ator Lighting
omatic Locking

P82.86-6499-31

- **Selecting length of time:** Slide ↑◎↓ or rotate ⟲◎⟳.
- **Confirming selection:** Press ◎.

To activate night security illumination:

- Select delayed switch-off period (see above).
- Turn the exterior lamp switch to position A before turning off the engine.

Locator lighting on/off

ℹ The components and operating principles of COMAND can be found on (▷ page 82).

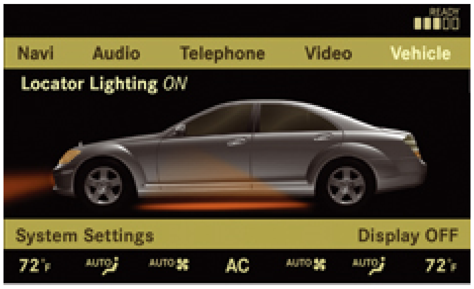
With the locator lighting feature activated and the exterior lamp switch in position A (▷ page 325), the following lamps will switch on during darkness when the vehicle is unlocked from the outside:

- Parking lamps
- Tail lamps
- License plate lamps
- Front fog lamps
- Door entry lamps in the mirror
- Side marker lamps

The locator lighting switches off when the driver's door is opened.

If you do not open a door after unlocking the vehicle with the SmartKey, the lamps will switch off automatically after approximately 40 seconds.

- Select `Vehicle`.
  The main area is active.
- **Selecting** `Locator Lighting` **function:** Slide ←◎→ or rotate ⟲◎⟳.
- **Confirming selection:** Press ◎.

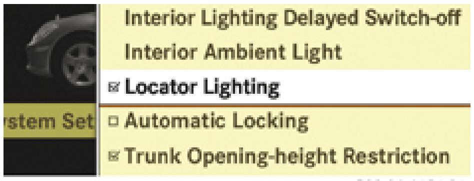

READY
Navi
Audio
Telephone
Video
Vehicle
Locator Lighting ON
System Settings
Display OFF
72°F
AUTO
AUTO
AC
AUTO
AUTO
72°F

P82.86-9137-31

- **Switching locator lighting on or off:** Press ◎.

or

- Select `Vehicle` → `Vehicle` → `Locator Lighting`.
  A checkmark appears when the locator lighting is enabled.


stem Set
Interior Lighting Delayed Switch-off
Interior Ambient Light
☒ Locator Lighting
☐ Automatic Locking
☒ Trunk Opening-height Restriction

P82.86-6454-31

- **Confirming selection:** Press ◎.

To activate locator lighting:

▶ Make sure the function `Locator Lighting` is set.

▶ Turn the exterior lamp switch to position **A** when exiting the vehicle.

Exterior mirror convenience settings

ℹ The components and operating principles of COMAND can be found on (▷ page 82).

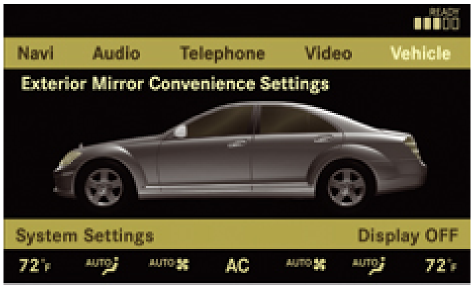
In the `Exterior Mirror Convenience Settings` menu, you can switch the following exterior rear view mirror functions on or off:

- Exterior rear view mirrors automatically fold in when the vehicle is locked.
- Exterior rear view mirror on front passenger side automatically tilts downward when the vehicle is reversing.

▶ Select `Vehicle`.
The main area is active.

▶ **Selecting** `Exterior Mirror Convenience Settings` **menu:** Slide ←◎→ or rotate ⟲◎⟳.

▶ **Confirming selection:** Press ◎.



P82.86-9138-31

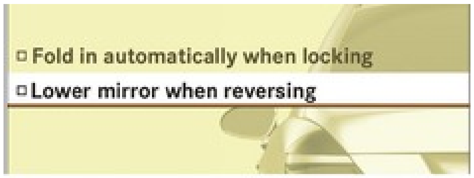
▶ **Selecting** `Fold in automatically when locking` **or** `Lower mirror when reversing`: Rotate ⟲◎⟳.

▶ **Confirming selection:** Press ◎.

▶ Slide ←◎→ to exit.

or

▶ Select `Vehicle` → `Vehicle` → `Exterior mirror Convenience Settings`.
A selection list appears.



☐ Fold in automatically when locking
☐ Lower mirror when reversing

P82.86-4905-31

▶ **Selecting a function:** Slide ↑◎↓ or rotate ⟲◎⟳.
A checkmark appears in the corresponding box when the option has been selected.

▶ **Confirming selection:** Press ◎.

▶ Slide ←◎→ to exit.

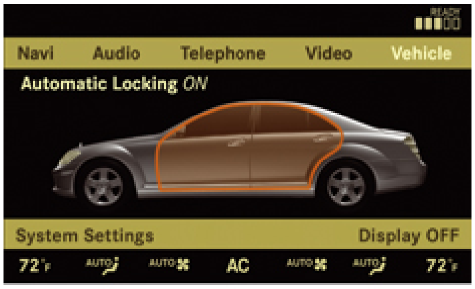
Automatic locking on/off

ℹ The components and operating principles of COMAND can be found on (▷ page 82).

Use this function to activate or deactivate the automatic central locking (▷ page 301). With the automatic central locking system activated, the vehicle is centrally locked at vehicle speeds of approximately 9 mph (15 km/h).

▶ Select `Vehicle`.
The main area is active.

▶ **Selecting** `Automatic Locking` **function:** Slide ←◎→ or rotate ⟲◎⟳.


READY
Navi
Audio
Telephone
Video
Vehicle
System Settings
Display OFF
72°F
AUTO
AUTO
AC
AUTO
AUTO
72°F

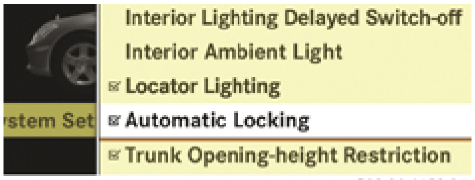
Automatic Locking *ON*

P82.86-9139-31

- **Switching automatic locking on or off:** Press ⊛.

or

- Select `Vehicle` → `Vehicle` → `Automatic Locking`.
  A checkmark appears when automatic locking is switched on.


Interior Lighting Delayed Switch-off
Interior Ambient Light
☒ Locator Lighting
stem Set
☒ Automatic Locking
☒ Trunk Opening-height Restriction

P82.86-6453-31

- **Confirming selection:** Press ⊛.
- Slide ←◎→ to exit.

Activating easy-entry/exit feature

ⓘ The components and operating principles of COMAND can be found on (▷ page 82).

Use this function to activate and deactivate the easy-entry/exit feature (▷ page 313).

The following settings are available for the easy-entry/exit feature:

`OFF`	The easy-entry/exit feature is deactivated.
`Steering Column & Seat`	Both the steering column and the driver's seat are moved.

⚠ Warning!

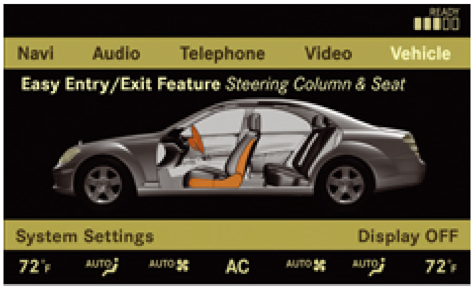
You must make sure no one can become trapped or injured by the moving steering wheel and driver's seat when the easy-entry/exit feature is activated.

To stop seat/steering wheel movement, do one of the following:

- Press seat adjustment switch
- Move steering wheel adjustment stalk
- Press one of the memory position buttons or the memory button **M**

Do not leave children unattended in the vehicle, or with access to an unlocked vehicle. Children could open the driver's door and unintentionally activate the easy-entry/exit feature, which could result in an accident and/or serious personal injury.

- Select `Vehicle`.
  The main area is active.
- **Selecting** `Easy Entry/Exit Feature` **menu:** Slide ←◎→ or rotate ⟲◎⟳.


READY
Navi
Audio
Telephone
Video
Vehicle
System Settings
Display OFF
72°F
AUTO
AUTO
AC
AUTO
AUTO
72°F

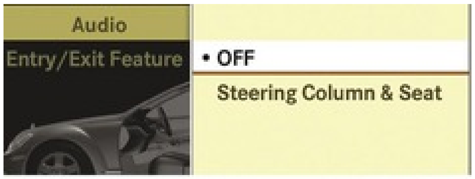
Easy Entry/Exit Feature *Steering Column & Seat*

P82.86-9140-31

- **Confirming selection:** Press ⊛.

or

- Select `Vehicle` → `Vehicle` → `Easy Entry/Exit Feature`.
- **Confirming selection:** Press ⊛.
  A selection list appears.
  The current setting is indicated by a dot •.


Audio
Entry/Exit Feature
• OFF
Steering Column & Seat

P82.86-4997-31

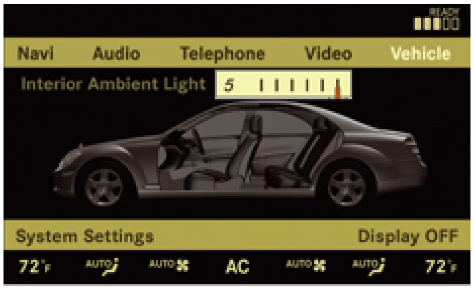
- **Selecting a setting:** Slide ↑◎↓ or rotate ↶◎↷.
- **Confirming selection:** Press ⊛.

Setting interior ambient lighting

ℹ The components and operating principles of COMAND can be found on (▷ page 82).

You can adjust the brightness of the interior lighting on a scale of `0` (off) to `5` (bright).

- Select `Vehicle`.
  The main area is active.
- **Selecting** `Interior Ambient Light` **menu:** Slide ←◎→ or rotate ↶◎↷.
- **Confirming selection:** Press ⊛.

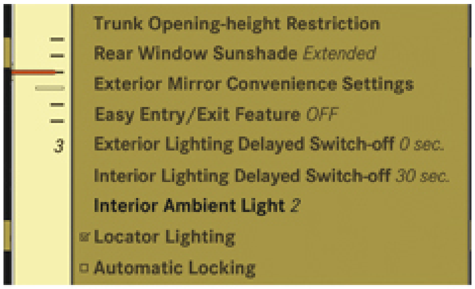

Navi
Audio
Telephone
Video
Vehicle
Interior Ambient Light
5
System Settings
Display OFF
72°F
AUTO
AUTO
AC
AUTO
AUTO
72°F

P82.86-9141-31

- **Adjusting brightness:** Slide ←◎→ or rotate ↶◎↷.
- **Confirming selection:** Press ⊛.

or

- Select `Vehicle` → `Vehicle` → `Interior Ambient Light`.


Trunk Opening-height Restriction
Rear Window Sunshade *Extended*
Exterior Mirror Convenience Settings
Easy Entry/Exit Feature *OFF*
Exterior Lighting Delayed Switch-off *0 sec.*
Interior Lighting Delayed Switch-off *30 sec.*
Interior Ambient Light *2*
☑ Locator Lighting
☐ Automatic Locking

P82.86-6500-31

- **Adjusting brightness:** Slide ↑◎↓ or rotate ↶◎↷.
- **Confirming selection:** Press ⊛.

Setting interior lighting delayed switch-off

ℹ The components and operating principles of COMAND can be found on (▷ page 82).

Use this function to set whether and how long you would like the interior lighting to remain lit during darkness after you have removed the SmartKey from the starter switch.

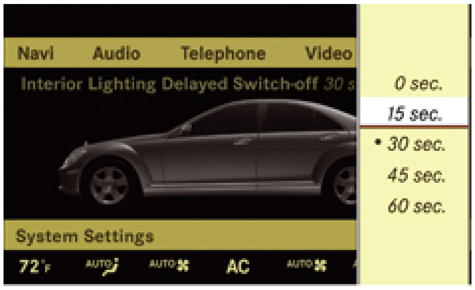
You can select:

- `0 sec.`, the delayed switch-off feature is deactivated
- `15 sec.`, `30 sec.`, `45 sec.`, or `60 sec.`, the delayed switch-off feature is activated

▶ Select `Vehicle`.
The main area is active.

▶ **Selecting** `Interior Lighting Delayed Switch-off` **menu:** Slide ←◎→ or rotate ⦃◎⦄.

▶ **Confirming selection:** Press ⊛.
A selection list appears.
The current setting is indicated by a dot ● .


Navi
Audio
Telephone
Video
Interior Lighting Delayed Switch-off 30 s
0 sec.
15 sec.
• 30 sec.
45 sec.
60 sec.
System Settings
72°F
AUTO
AUTO
AC
AUTO

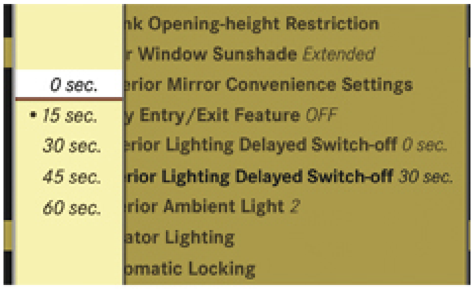
P82.86-9142-31

▶ **Selecting length of time:** Slide ↑◎↓ or rotate ⦃◎⦄.

▶ **Confirming selection:** Press ⊛.

or

▶ Select `Vehicle` → `Vehicle` → `Interior Lighting Delayed Switch-off`.
A selection list appears.
The current setting is indicated by a dot ● .


nk Opening-height Restriction
r Window Sunshade Extended
0 sec.
erior Mirror Convenience Settings
• 15 sec.
y Entry/Exit Feature OFF
30 sec.
erior Lighting Delayed Switch-off 0 sec.
45 sec.
rior Lighting Delayed Switch-off 30 sec.
60 sec.
rior Ambient Light 2
ator Lighting
omatic Locking

P82.86-6498-31

▶ **Selecting length of time:** Slide ↑◎↓ or rotate ⦃◎⦄.

▶ **Confirming selection:** Press ⊛.

Extending or retracting rear window sunshade

ⓘ The components and operating principles of COMAND can be found on (▷ page 82).

This function is used to extend or retract the rear sunshade.

ⓘ If you operate the rear window sunshade via COMAND or by using the favorite button (▷ page 98), this takes precedence over the buttons for the rear window sunshade in the rear doors (▷ page 421).

ⓘ You can program this function using the favorite button (▷ page 98).

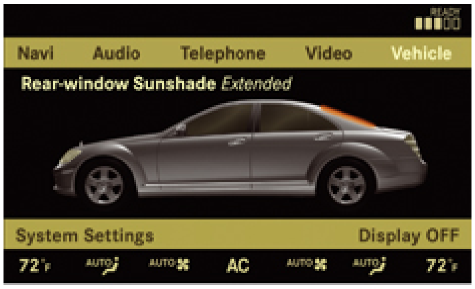
ⓘ At temperatures below -4℉ (-20℃), the rear window sunshade is switched off.

▶ Select `Vehicle`.
The main area is active.

▶ **Selecting** `Rear-window Sunshade` **function:** Slide ←◎→ or rotate ⦃◎⦄.

▷▷

COMAND vehicle menu


Navi
Audio
Telephone
Video
Vehicle
System Settings
Display OFF
72°F
AUTO
AUTO
AC
AUTO
AUTO
72°F

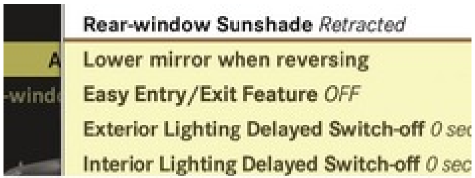
Rear-window Sunshade *Extended*

P82.86-9143-31

- **Extending or retracting rear window sunshade:** Press ⊛.

or

- Select `Vehicle` → `Vehicle` → `Rear-window Sunshade`.



Rear-window Sunshade *Retracted*
Lower mirror when reversing
Easy Entry/Exit Feature *OFF*
Exterior Lighting Delayed Switch-off *0 sec*
Interior Lighting Delayed Switch-off *0 sec*

P82.86-4844-31

- **Confirming selection:** Press ⊛.

⚠ Warning!

When operating the rear window sunshade, be sure that there is no danger of anyone being harmed by the extending or retracting procedure.

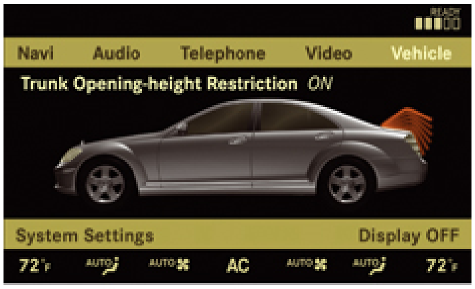
- **Reverse the extending or retracting procedure:** Press ⊛ again.

Trunk opening-height restriction on/off

ℹ The components and operating principles of COMAND can be found on (▷ page 82).

Vehicles with trunk opening/closing system: You can select whether the trunk lid should open fully or only to the height of the roof.

- Select `Vehicle`.
  The main area is active.
- **Selecting** `Trunk Opening-height Restriction` **function:** Slide ←◎→ or rotate ⟲◎⟳.
- **Confirming selection:** Press ⊛.


Navi
Audio
Telephone
Video
Vehicle
System Settings
Display OFF
72°F
AUTO
AUTO
AC
AUTO
AUTO
72°F

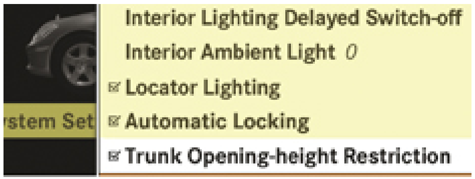
Trunk Opening-height Restriction *ON*

P82.86-9144-31

- **Switching on or off:** Press ⊛.

or

- Select `Vehicle` → `Vehicle` → `Trunk Opening-height Restriction`.
  A checkmark appears when the trunk opening-height restriction is switched on.



Interior Lighting Delayed Switch-off
Interior Ambient Light *0*
☒ Locator Lighting
☒ Automatic Locking
☒ Trunk Opening-height Restriction

P82.86-6449-31

- **Confirming selection:** Press ⊛.

COMAND automatic climate control

Introduction

ℹ The components and operating principles of COMAND can be found on (▷ page 82).

⚠ **Warning!**

Follow the recommended settings for heating and cooling given on the following pages and pages in the “Controls in detail” chapter. Otherwise the windows could fog up, impairing visibility and endangering you and others.

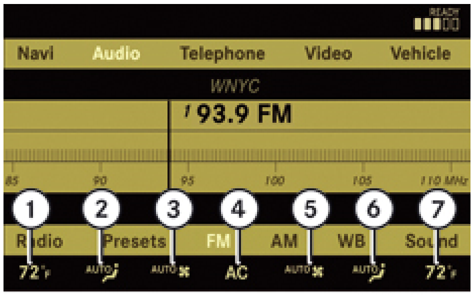
You can operate the climate control via COMAND or via the buttons on the climate control panel (▷ page 395).

Some of the special climate control functions can only be operated via COMAND.

The following climate control functions can be operated via COMAND:

- Temperature (▷ page 227)
- Air distribution (▷ page 228)
- Air volume (▷ page 228)
- Switching off cooling (AC^OFF)
  (▷ page 229)
- Central climate control (Mono)
  (▷ page 230)
- Footwell temperature (▷ page 230)
- Air flow from air vents (▷ page 230)
- Rear climate control (▷ page 231)

The climate control menu is called up via the climate control settings.


READY
Navi
Audio
Telephone
Video
Vehicle
WNYC
93.9 FM
85
90
95
100
105
110 MHz
1
2
3
4
5
6
7
Radio
Presets
FM
AM
WB
Sound
72°F
AUTO
AUTO
AC
AUTO
AUTO
72°F

P82.86-9128-31

Climate control settings with functions (submenus)

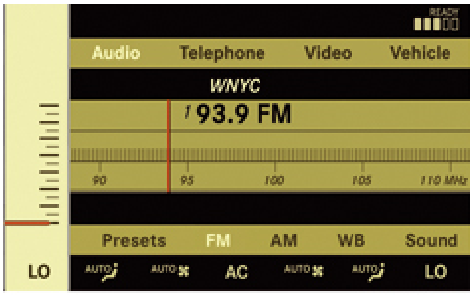
① Temperature, driver’s side
② Air distribution, driver’s side
③ Air volume, driver’s side
④ Central menu, climate control
⑤ Air volume, passenger side
⑥ Air distribution, passenger side
⑦ Temperature, passenger side

Setting temperature

⚠ **Observe Safety notes, see page 397.**

Use the temperature controls ▼▲ (▷ page 395) in the center console or COMAND climate control settings to separately adjust the air temperature on each side of the passenger compartment.

▶ Select climate control settings → Temperature, left or right and then press ⊙.


READY
Audio
Telephone
Video
Vehicle
WNYC
93.9 FM
90
95
100
105
110 MHz
Presets
FM
AM
WB
Sound
LO
AUTO
AUTO
AC
AUTO
AUTO
LO

P82.86-9124-31

COMAND automatic climate control

- **Changing temperature:** Slide ↑◎↓ or rotate ⟲◎⟳.
- **Exiting menu:** Press ⊛, back button ⬅ in the center console (▷ page 83) or slide ←◎→.
  The setting is saved.

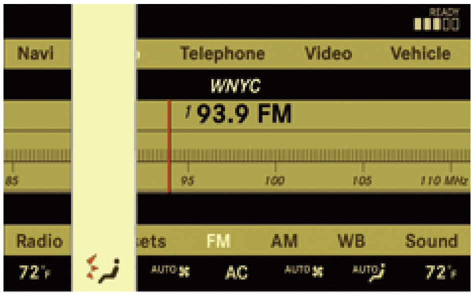
Adjusting air distribution

⚠ **Observe Safety notes, see page 397.**

You can adjust the air distribution separately for the driver's and front passenger side.

ℹ When you change the air distribution, the automatic function of the climate control system is switched off.

- Select climate control settings → Air distribution, driver's side or passenger side.


READY
Navi
Telephone
Video
Vehicle
WNYC
93.9 FM
85
95
100
105
110 MHz
Radio
ets
FM
AM
WB
Sound
72°F
AUTO
AC
AUTO
AUTO
72°F

P82.86-9129-31

- **Changing air distribution:** Rotate ⟲◎⟳.
  The symbol for air distribution changes. The direction and size of the arrows represent the air distribution.

or

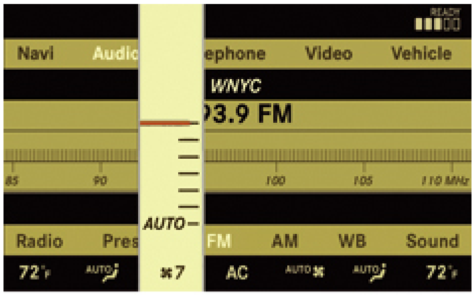
- **Switching back to automatic mode:** Rotate ⟲◎⟳ and select AUTO.
- **Exiting menu:** Press ⊛, back button ⬅ in the center console (▷ page 83) or slide ←◎→.
  The setting is saved.

Adjusting air volume

Use rocker switches ❋ (▷ page 395) in the center console or COMAND climate control settings to separately adjust the air volume on each side of the passenger compartment.

ℹ When you change the air volume, the automatic function of the climate control system is switched off.

- Select climate control settings → Air volume, driver's side or passenger side.


READY
Navi
Audio
ephone
Video
Vehicle
WNYC
93.9 FM
85
90
100
105
110 MHz
AUTO
Radio
Pres
FM
AM
WB
Sound
72°F
AUTO
7
AC
AUTO
AUTO
72°F

P82.86-9135-31

- **Changing air volume:** Slide ↑◎↓ or rotate ⟲◎⟳.

or

- **Switching back to automatic mode:** Rotate ⟲◎⟳ and select AUTO.

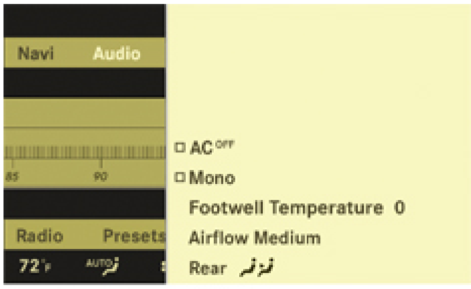
- **Exiting menu:** Press ⊛, back button ↩ in the center console (▷ page 83) or slide ←◎→.
  The setting is saved.

Central climate control menu via COMAND

The central climate control menu is in the center of the climate control settings. When the climate control is switched on, you will see AC in the central menu. The following functions can only be operated in the central climate control menu via COMAND:

- Switching off cooling (AC OFF) (▷ page 229)
- Central climate control (Mono) (▷ page 230)
- Footwell temperature (▷ page 230)
- Air flow from air vents (▷ page 230)

- Select climate control settings → Central menu.



☐ AC OFF
☐ Mono
Footwell Temperature 0
Airflow Medium
Rear

P82.86-6672-31

Switching cooling on or off

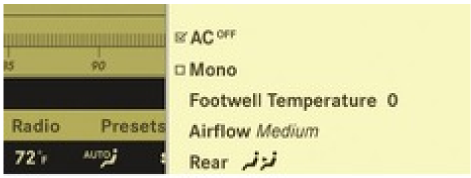
The cooling function, only operational when the engine is running, cools the vehicle interior down to the selected temperature. The cooling function also dehumidifies the air in the vehicle interior, thus preventing the windows from fogging up.

ℹ Condensation may drip out from underneath the vehicle. This is normal and not an indication of a malfunction.

⚠ **Warning!**

If you switch off the cooling function, the vehicle will not be cooled when weather conditions are warm. The windows can fog up more quickly. Window fogging may impair visibility and endanger you and others.

- Select climate control settings → Central climate control menu.
- **Selecting** AC OFF **:** Slide ↑◎↓ or rotate ⟲◎⟳.
- **Confirming selection:** Press ⊛.
  A checkmark appears when the cooling is switched off.
  AC OFF appears in the central menu of the climate control settings.



☑ AC OFF
☐ Mono
Footwell Temperature 0
Airflow Medium
Rear

P82.86-5008-31

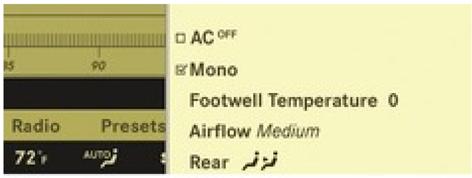
! If the air conditioning cannot be activated again, this indicates that the air conditioning is losing refrigerant. The compressor has turned off.
Have the air conditioning checked at the nearest authorized Mercedes-Benz Center.

COMAND automatic climate control

Selecting Mono mode

`Mono` is used to adjust the climate zones for the entire vehicle at the same time. When the `Mono` function is switched on and you change the climate on the driver's side, these changes will be carried out in the same manner for all climate zones.

- ▶ Select climate control settings → Central climate control menu.
- ▶ **Selecting** `Mono`: Slide ↑◎↓ or rotate ⟲◎⟳.
- ▶ **Confirming selection:** Press ◉.
  A checkmark appears when the function has been selected.



☐ AC OFF
☑ Mono
Footwell Temperature 0
Airflow *Medium*
Rear

P82.86-5009-31

- ▶ **Exiting menu:** Press back button ⬅ in the center console (▷ page 83) or slide ←◎→.

The `Mono` function is automatically switched off when you:

- change an climate control setting for the front passenger side using COMAND
- operate a button from the climate control for the front passenger side
- operate one of the buttons for the rear climate control system

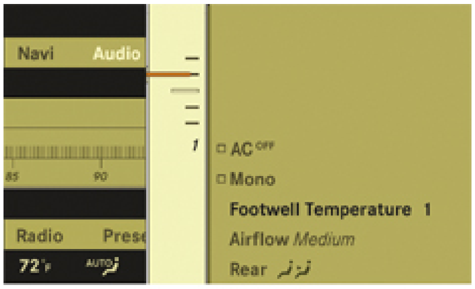
Adjusting footwell temperature

ℹ In automatic mode, this setting optimizes the footwell temperature when outside temperatures are low.

The `Footwell Temperature` function is used to adjust the temperature difference between the footwell and the rest of the passenger compartment.

The higher the selected value, the higher the temperature in the footwell will be.

- ▶ Select climate control settings → Central climate control menu.
- ▶ **Selecting** `Footwell Temperature`: Slide ↑◎↓ or rotate ⟲◎⟳ and then press ◉.



☐ AC OFF
☐ Mono
Footwell Temperature 1
Airflow *Medium*
Rear

P82.86-6674-31

- ▶ **Changing temperature difference:** Slide ↑◎↓ or rotate ⟲◎⟳.
- ▶ **Exiting menu:** Press ◉, back button ⬅ in the center console (▷ page 83) or slide ←◎→.
  The setting is saved.

Adjusting air flow from air vents

ℹ In automatic mode, this setting optimizes the air flow when outside temperatures are high.

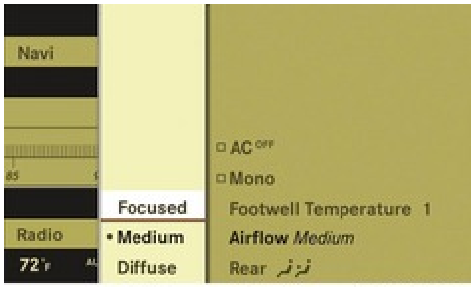
The `Airflow` setting defines air distribution and air volume in automatic mode:

- Focused (default setting, increased air flow)
- Medium (reduced air flow)
- Diffuse (minimal air flow)

ⓘ When the interior ambient temperature of the vehicle is very hot and the climate control is cooling the interior, the setting for air flow is temporarily overridden.

▶ Select climate control settings → Central climate control menu → Airflow.
A selection list appears.

The current setting is indicated by a dot • .


Navi
Radio
72°F
Focused
• Medium
Diffuse
☐ AC OFF
☐ Mono
Footwell Temperature 1
Airflow Medium
Rear

P82.86-5550-31

▶ **Changing air flow:** Slide ↑◎↓ or rotate ⟲◎⟳.

▶ **Confirming selection:** Press ◎.

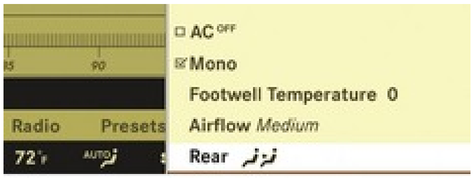
Operating rear climate control from the front

The Rear function is used to operate the rear climate control via COMAND and the rocker switches on the control panel from the front (▷ page 395).

Switching on rear climate control operation from the front

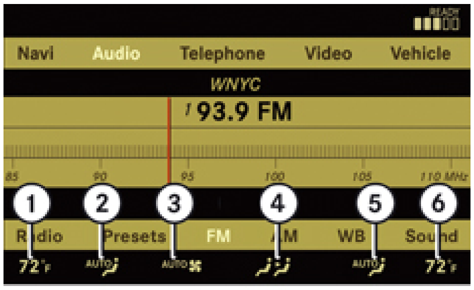
▶ Select climate control settings → Central climate control menu.

▶ **Selecting** Rear **:** Slide ↑◎↓ or rotate ⟲◎⟳.


85
90
Radio
Presets
72°F
AUTO
☐ AC OFF
☑ Mono
Footwell Temperature 0
Airflow Medium
Rear

P82.86-5012-31

▶ **Confirming selection:** Press ◎.
In the climate control setting, appears in the central menu. The rear climate control can be operated from the front.


READY
Navi
Audio
Telephone
Video
Vehicle
WNYC
93.9 FM
85
90
95
100
105
110 MHz
1
2
3
4
5
6
Radio
Presets
FM
AM
WB
Sound
72°F
AUTO
AUTO
AUTO
72°F

P82.86-9235-31

Climate control settings, rear climate control

① Rear temperature, left
② Rear air distribution, left
③ Rear air volume
④ Central menu for rear climate control
⑤ Rear air distribution, right
⑥ Rear temperature, right

The rear climate control is operated in the same manner as the climate control system for the driver's and front passenger side.

Central menu for rear climate control

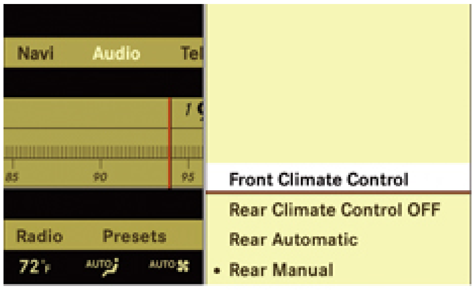
In the central menu for the rear climate control, you can:

▷▷

COMAND automatic climate control

- switch back to operating the front climate control system
- switch off the rear climate control
- switch the automatic function of the rear climate control from automatic to manual

▶ Select climate control settings → Central climate control menu.

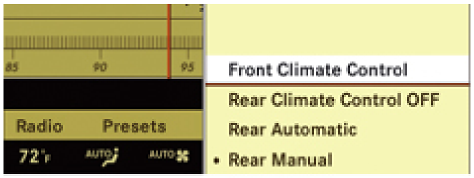

Navi
Audio
Tel
85
90
95
Radio
Presets
72°F
AUTO
AUTO
Front Climate Control
Rear Climate Control OFF
Rear Automatic
• Rear Manual

P82.86-9237-31

Switching off rear climate control operation from the front

▶ Select climate control settings → Central climate control menu.
The current setting is indicated by a dot ● .

▶ **Selecting** `Front Climate Control`**:** Slide ↑◎↓ or rotate ⟲◎⟳.


85
90
95
Radio
Presets
72°F
AUTO
AUTO
Front Climate Control
Rear Climate Control OFF
Rear Automatic
• Rear Manual

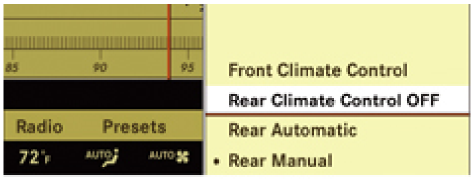
P82.86-9239-31

▶ **Confirming selection:** Press ◎.
The climate control settings shows the climate control settings for the driver and front passenger.

Switching off rear climate control

▶ Select climate control settings → Central climate control menu.
The current setting is indicated by a dot ● .

▶ **Selecting** `Rear Climate Control OFF`**:** Slide ↑◎↓ or rotate ⟲◎⟳.


85
90
95
Radio
Presets
72°F
AUTO
AUTO
Front Climate Control
Rear Climate Control OFF
Rear Automatic
• Rear Manual

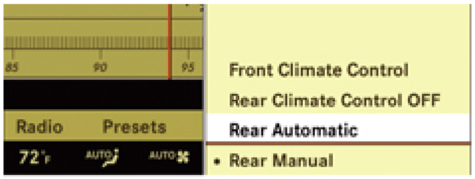
P82.86-9241-31

▶ **Confirming selection:** Press ◎.
The rear climate control is switched off.

Switching on the automatic function of the rear climate control

▶ Select climate control settings → Central climate control menu.
The current setting is indicated by a dot ● .

▶ **Selecting** `Rear Automatic`**:** Slide ↑◎↓ or rotate ⟲◎⟳.


85
90
95
Radio
Presets
72°F
AUTO
AUTO
Front Climate Control
Rear Climate Control OFF
Rear Automatic
• Rear Manual

P82.86-9243-31

▶ **Confirming selection:** Press ◎.
The automatic function of the rear climate control is switched on.

COMAND seats

Operating seats via COMAND

⚠ **Observe Safety notes, see page 309.**

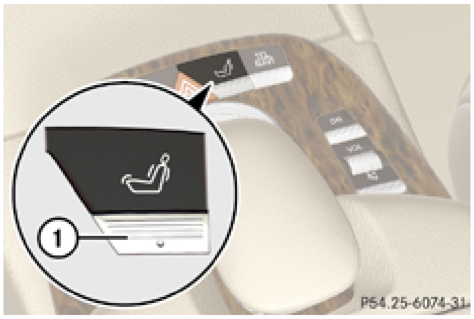
ℹ The components and operating principles of COMAND can be found on (▷ page 83).

The following seat adjustments can be made via COMAND:

Settings
Lumbar support (▷ page 233)
Multicontour seats, front (▷ page 234)
Drive-dynamic multicontour seats, front (▷ page 236)

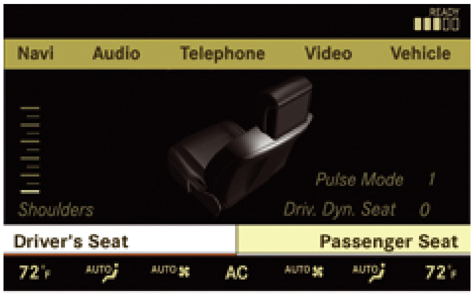
Selecting a seat

You must first select the seat for which you would like to make adjustments.


1
P54.25-6074-31

① Seat menu button

- ▶ Press button 💺.
  The main area is active.
- ▶ **Switching to the bottom menu line:** Slide ↑◎↓.


Navi
Audio
Telephone
Video
Vehicle
Shoulders
Driver's Seat
Passenger Seat
72°F
AUTO
AUTO
AC
AUTO
AUTO
72°F
P82.86-9130-31

Pulse Mode 1

Driv. Dyn. Seat 0

Example illustration: Drive-dynamic multicontour seat

- ▶ **Selecting seat:** Slide ←◎→ or rotate ⟲◎⟳.
- ▶ **Confirming selection:** Press ◎.

Exiting menu

There are several ways to exit the multicontour seat menu.

- ▶ Press button 💺 again.

or

- ▶ Press any shortcut button.

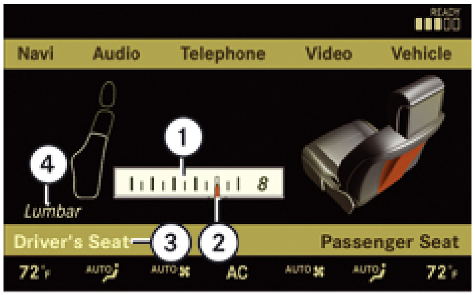
or

- ▶ Select another main function from the main menu line.

Lumbar support

To support the spine, you can adjust the curvature of the front seat backrests.

- ▶ Press 💺.
  The main area of the COMAND display is active. A scale appears.


Navi
Audio
Telephone
Video
Vehicle
1
4
8
Lumbar
Driver's Seat
3
2
Passenger Seat
72°F
AUTO
AUTO
AC
AUTO
AUTO
72°F

P82.86-9131-31

① Scale
② Cursor
③ Current seat
④ Current setting

- ▶ Select seat (▷ page 233).
- ▶ **Adjusting lumbar support:** Slide ←◎→ or rotate {◎} until desired setting is reached.
- ▶ **Confirming selection:** Press ◎.
- ▶ **Switching to the bottom menu line:** Slide ←◎→.
- ▶ **Confirming selection:** Press ◎.

ℹ After you have pressed 💺, the seat last adjusted is active.

Multicontour seats, front

ℹ If PRE-SAFE® has been activated, the air pressure in the air chambers (on the sides of the seat cushion and seat backrest) of the front multicontour seats is increased.

ℹ When you adjust the multicontour seat, noises may result from pumping air into or releasing air out of the air chambers.

To support the spine, you can individually adjust the seat backrest contour of the front seats by regulating the air pressure in the air chambers of the multicontour seat.

You can adjust the following air chambers:

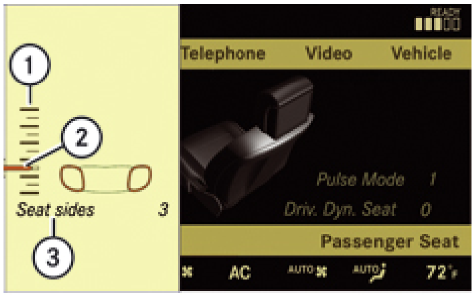
- sides of seat cushion
- sides of seat backrest
- seat backrest curvature in lumbar area
- seat backrest curvature in shoulder area

The settings are made on the COMAND display.

Adjusting sides of seat cushion

This function is used to adjust the air chambers in the sides of the seat cushion.

- ▶ Select seat (▷ page 233).
- ▶ **Selecting** Seat sides**:** Slide ←◎→ or rotate {◎}.
- ▶ **Confirming selection:** Press ◎.
  A scale appears.


Telephone
Video
Vehicle
1
2
Seat sides
3
3
Pulse Mode 1
Driv. Dyn. Seat 0
Passenger Seat
AC
AUTO
AUTO
72°F

P82.86-9126-31

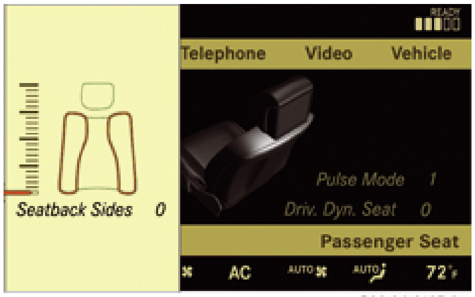
① Scale
② Cursor
③ Current setting

- ▶ Slide ↑◎↓ or rotate {◎} until desired setting is reached.
- ▶ **Saving setting:** Press ◎.

Adjusting seat backrest sides

This function is used to adjust the air chambers in the seat backrest sides.

- Select seat (▷ page 233).
- **Selecting** `Seatback Sides`**:** Slide ↑◎↓ or rotate ⟲◎⟳.
- **Confirming selection:** Press ⊛.
  A scale appears.



Seatback Sides 0

Pulse Mode 1

Driv. Dyn. Seat 0

READY
Telephone
Video
Vehicle
Passenger Seat
AC
AUTO
AUTO
72°F

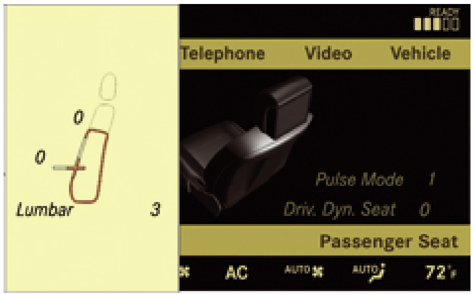
P82.86-9127-31

- Slide ↑◎↓ or rotate ⟲◎⟳ until desired setting is reached.
- **Saving setting:** Press ⊛.

Adjusting seat backrest curvature in lumbar area

This function is used to adjust the air chambers in the lumbar area of the seat backrest.

- Select seat (▷ page 233).
- **Selecting** `Lumbar`**:** Slide ←◎→ or rotate ⟲◎⟳.
- **Confirming selection:** Press ⊛.
  Crosshair appears.
  You can use them to make two settings:
  - **vertical:** shift the point of greatest curvature upward or downward
  - **horizontal:** adjust the degree of curvature



Lumbar 3

Pulse Mode 1

Driv. Dyn. Seat 0

0
0
READY
Telephone
Video
Vehicle
Passenger Seat
AC
AUTO
AUTO
72°F

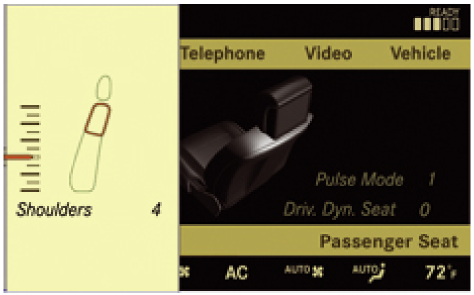
P82.86-9132-31

- Slide ↑◎↓ or ←◎→ until desired setting is reached.
- **Saving setting:** Press ⊛.

Adjusting seat backrest curvature in shoulder area

This function is used to adjust the air chambers in the shoulder area of the seat backrest.

- Select seat (▷ page 233).
- **Selecting** `Shoulders`**:** Slide ←◎→ or rotate ⟲◎⟳.
- **Confirming selection:** Press ⊛.
  A scale appears.



Shoulders 4

Pulse Mode 1

Driv. Dyn. Seat 0

READY
Telephone
Video
Vehicle
Passenger Seat
AC
AUTO
AUTO
72°F

P82.86-9133-31

- Slide ↑◎↓ or rotate ⟲◎⟳ until desired setting is reached.
- **Saving setting:** Press ⊛.

Drive-dynamic multicontour seats, front

For information on manual multicontour seat settings, see “Multicontour seats, front” (▷ page 234).

ℹ If PRE-SAFE® has been activated, the air pressure in the air chambers (sides of seat cushion and seat backrest) of the drive-dynamic multicontour seats is increased.

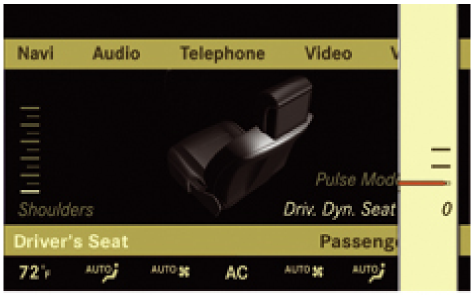
The drive-dynamic multicontour seat automatically adjusts the lateral support provided by the seat backrest to your driving style.

The drive-dynamic multicontour seat electronically controls the air pressure in the air chambers of the seat backrest side bolsters. This function improves driving comfort and pleasure.

- ▶ Select seat (▷ page 233).
- ▶ **Selecting** `Driv. Dyn. Seat`**:** Slide ←◎→ or rotate ⟲◎⟳.
- ▶ **Confirming selection:** Press ◎.
  A scale appears.

You can choose between:

- `0`: off
- `1`: level 1
- `2`: level 2

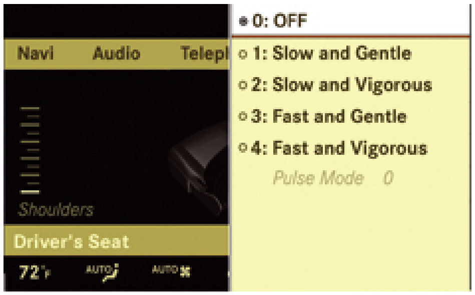

Navi
Audio
Telephone
Video
Shoulders
Pulse Mode
Driv. Dyn. Seat
0
Driver's Seat
Passeng
72°F
AUTO
AUTO
AC
AUTO
AUTO

P82.86-9134-31

- ▶ Slide ↑◎↓ or rotate ⟲◎⟳ until desired setting is reached.
- ▶ **Saving setting:** Press ◎.

Pulse mode

- ▶ Select seat (▷ page 233).
- ▶ **Selecting** `Pulse Mode`**:** Slide ←◎→ or rotate ⟲◎⟳.
- ▶ **Confirming selection:** Press ◎.
  A list appears. You can choose between different types of massage:


● 0: OFF
○ 1: Slow and Gentle
○ 2: Slow and Vigorous
○ 3: Fast and Gentle
○ 4: Fast and Vigorous
Pulse Mode 0
Navi
Audio
Telepl
Shoulders
Driver's Seat
72°F
AUTO
AUTO

P82.86-9125-31

The current setting is indicated by a solid circle.

- ▶ Slide ↑◎↓ or rotate ⟲◎⟳ until desired setting is reached.
- ▶ **Saving setting:** Press ◎.

ℹ Depending on the setting, the massage function runs for about 7 to 10 minutes.

Instrument cluster control system

Introduction

The control system is activated as soon as the starter switch is in position **2** (▷ page 307).

The control system enables you to call up information about your vehicle and to change vehicle settings.

For example, you can use the control system to find out when your vehicle is next due for maintenance service, to call up statistical data on your vehicle, and much more.

⚠ **Warning!**

A driver's attention to the road and traffic conditions must always be his/her primary focus when driving.

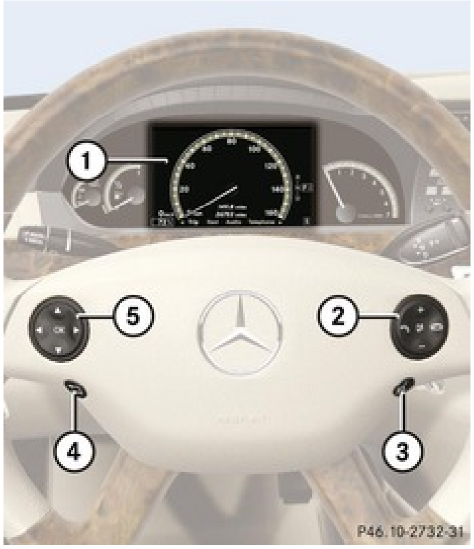
For your safety and the safety of others, selecting features through the multifunction steering wheel should only be done by the driver when traffic and road conditions permit it to be done safely.

Bear in mind that at a speed of just 30 mph (approximately 50 km/h), your vehicle is covering a distance of 44 feet (approximately 14 m) every second.

The control system relays information to the multifunction display.

Multifunction steering wheel

The displays in the multifunction display and the settings in the control system are controlled by the buttons on the multifunction steering wheel.



①	Multifunction display	
②	Press button	
	☎	to take a call to dial[5] to redial[5]
	☎	to end a call to reject an incoming call
	🔇	to mute
	Press button	
	+	to set the volume
	−	to operate the RACETIMER[6]
③	Press button	
	🗣	to activate the Voice Control System
④	Press button briefly	
	↩	to cancel the Voice Control System, back, confirm messages
	Press and hold button	
	↩	to select the standard display

▷▷

---

[5] Function only available in telephone menu.

⑤	Press button	
	▶ ◀	to select menus
	Press button briefly	
	▲ ▼	to select function or scroll through lists within Audio menu to select previous or next track, scene or stored station within Telephone menu to switch to the phone book and select a name or number
	Press and hold button	
	▲ ▼	within Audio to select previous or next station in station list or wave band within Telephone menu to start the quick search in the phone book
	Press button	
	OK	to confirm selection or messages

Depending on the selected menu, pressing the buttons on the multifunction steering wheel will alter what appears in the multifunction display.

The information available in the multifunction display is arranged in menus and accompanying functions. For example, in the `Settings` menu, you will find functions for making settings to your vehicle. There are functions for calling up information and for making settings to your vehicle.

It is helpful to think of the menus, and the functions within each menu, as being arranged in a circular pattern.

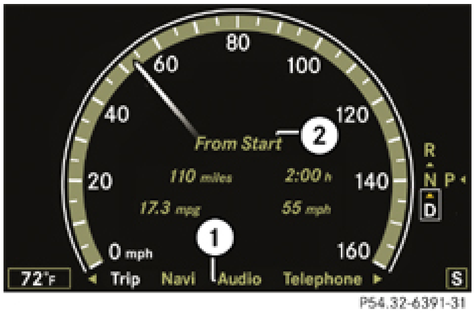
- ▶ Press ◀ or ▶ repeatedly to switch menus.

The number of menus available in the system depends on which optional equipment is installed in your vehicle.

- ▶ Press button ⮌ to return to the next highest menu level.

From a menu's highest level, you will always see the screen from the `Trip` menu that was last active. When you press ⮌ again, you switch to the standard display (▷ page 241).

Multifunction display



① Main menus

② Text field

---

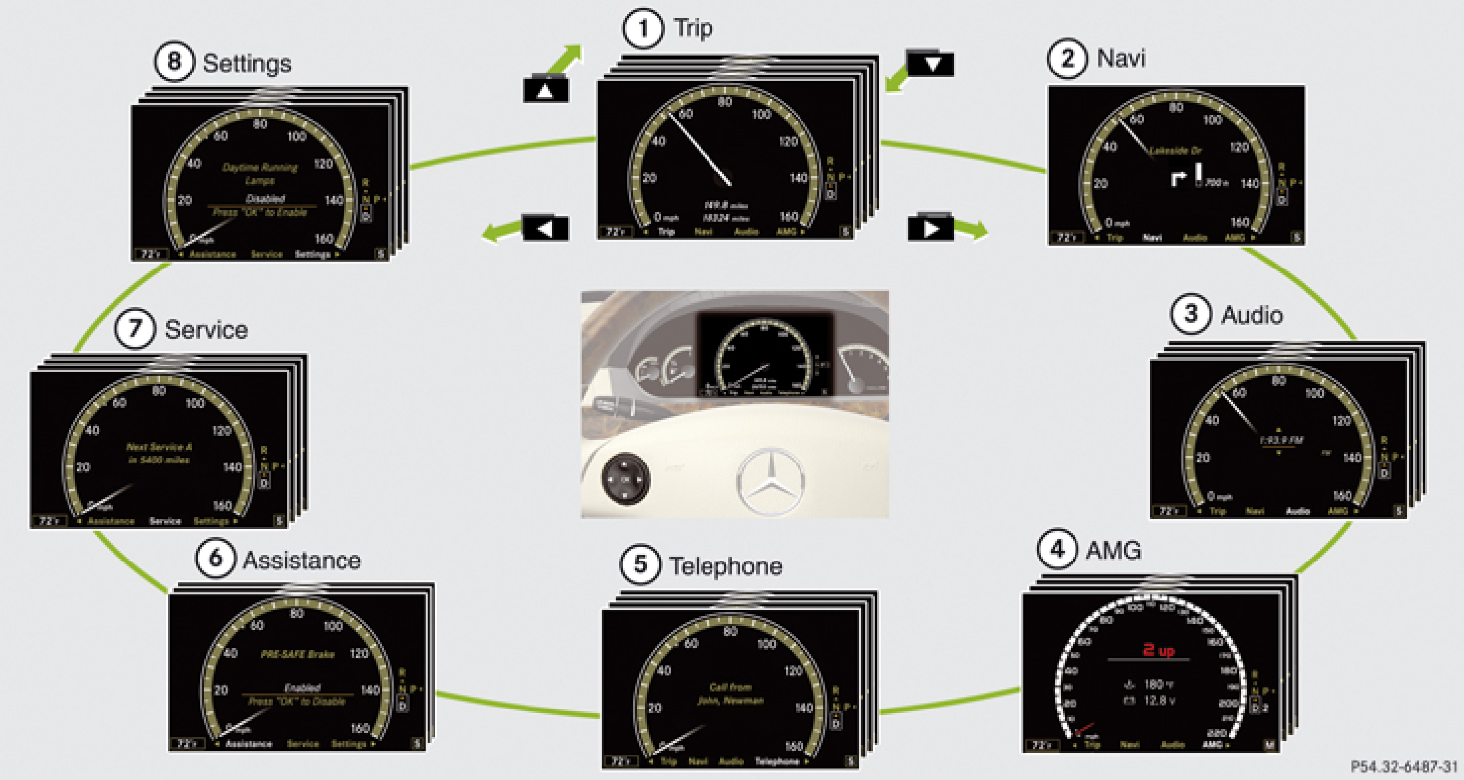
6 AMG vehicles only.

Settings, functions as well as any malfunctions appear in the text field.

For more information on menus displayed in the multifunction display, see “Menus” (▷ page 240).

Instrument cluster control system

Menus


① Trip
② Navi
③ Audio
④ AMG
⑤ Telephone
⑥ Assistance
⑦ Service
⑧ Settings
▲
▼
◀
▶
P54.32-6487-31

	Function
①	Trip menu (▷ page 241)
②	Navi menu (▷ page 243)
③	Audio menu (▷ page 244)
④	AMG[7] menu (▷ page 245)
⑤	Telephone menu (▷ page 248)
⑥	Assistance menu (▷ page 250)
⑦	Service menu (▷ page 251)
⑧	Settings menu (▷ page 252)

Trip menu

In the Trip menu, you can show an additional display for the speedometer and call up or reset your vehicle's statistical data.

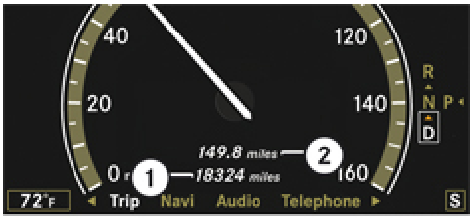
The following information is available:

- Standard display (▷ page 241)
- Fuel consumption statistics since start (▷ page 241)
- Fuel consumption statistics since last reset (▷ page 242)
- Resetting values (▷ page 242)
- Distance to empty (▷ page 242)
- Digital Speedometer (▷ page 242)

Standard display

In the standard display, the trip odometer and the main odometer appear in the multifunction display.

▶ Press ◀ or ▶ to select the Trip menu.


40
120
20
140
R
N P
D
149.8 miles
2
0
1
18324 miles
160
72°F
Trip
Navi
Audio
Telephone
S

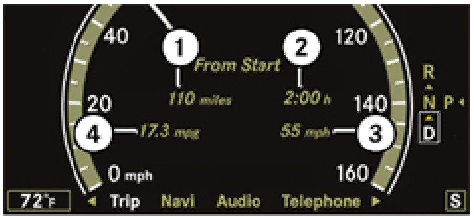
P54.32-4378-31

① Main odometer
② Trip odometer

Fuel consumption statistics since start

▶ Press ◀ or ▶ to select the Trip menu.

▶ Press ▼ or ▲ to select From Start.


40
1
2
120
From Start
R
20
110 miles
2:00 h
140
N P
4
17.3 mpg
55 mph
3
D
0 mph
160
72°F
Trip
Navi
Audio
Telephone
S

P54.32-6392-31

① Distance driven since start
② Time elapsed since start
③ Average speed since start
④ Average fuel consumption since start

All statistics stored since the last engine start will be reset approximately 4 hours after the SmartKey in the starter switch is turned to position **0** or removed from the starter switch.

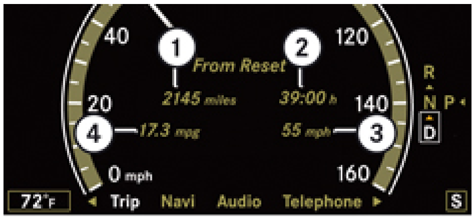
Resetting will not occur if you turn the SmartKey back to position **1** or **2** within this time period.

---

[7] AMG vehicles only.

Fuel consumption statistics since last reset

- ▶ Press ◀ or ▶ to select the Trip menu.
- ▶ Press ▼ or ▲ to select From Reset.


40
120
20
140
0 mph
160
From Reset
2145 miles
39:00 h
17.3 mpg
55 mph
1
2
3
4
R
N
P
D
72°F
Trip
Navi
Audio
Telephone
S

P54.32-6393-31

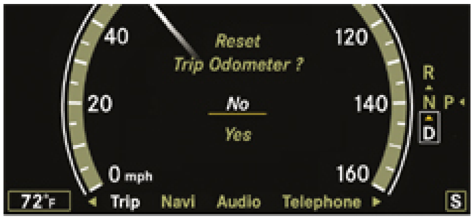
① Distance driven since last reset
② Time elapsed since last reset
③ Average speed since last reset
④ Average fuel consumption since last reset

Resetting values

You can reset the values for the following functions:

- Trip odometer
- Fuel consumption statistics since start
- Fuel consumption statistics since last reset

- ▶ Press ◀ or ▶ to select the Trip menu.
- ▶ Press ▼ or ▲ to select the function you wish to reset.
- ▶ Press OK.


Reset
Trip Odometer ?
No
Yes
40
120
20
140
0 mph
160
R
N
P
D
72°F
Trip
Navi
Audio
Telephone
S

P54.32-6394-31

Example illustration: Reset trip odometer

- ▶ Press ▼ to select Yes.
- ▶ Press OK to confirm.

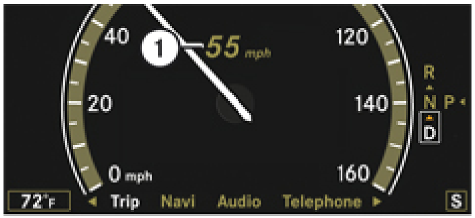
ℹ The fuel consumption statistics reset automatically to 0 after 99 999 miles or 9 999 hours, whichever occurs first.

Distance to empty

- ▶ Press ◀ or ▶ to select the Trip menu.
- ▶ Press ▼ or ▲ to select Range.
  The calculated remaining driving range based on the current fuel tank level appears in the multifunction display.
  If only very little fuel is left in the tank, a vehicle at the fuel pump ⛽ appears instead of the remaining driving range.

Digital speedometer

- ▶ Press ◀ or ▶ to select the Trip menu.
- ▶ Press ▼ or ▲ to select the digital speedometer.


1
55 mph
40
120
20
140
0 mph
160
R
N
P
D
72°F
Trip
Navi
Audio
Telephone
S

P54.32-4381-31

① Digital speedometer

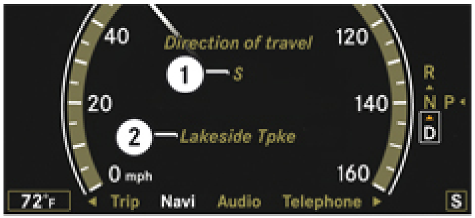
Navi menu

The display in the `Navi` menu depends on whether route guidance is active or not.

- Press ◀ or ▶ to select the `Navi` menu.

Route guidance not active

The multifunction display shows the direction of travel and the name of the street you are currently driving on, if known by the navigation system.


40
Direction of travel
120
1
S
20
140
2
Lakeside Tpke
0 mph
160
R
N P
D
72°F
Trip
Navi
Audio
Telephone
S

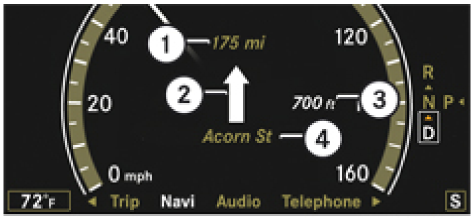
P54.32-4383-31

① Direction of travel
② Street you are currently driving on

Route guidance active

The image in the multifunction display depends on whether you are being notified of a driving maneuver.

No notification of driving maneuver

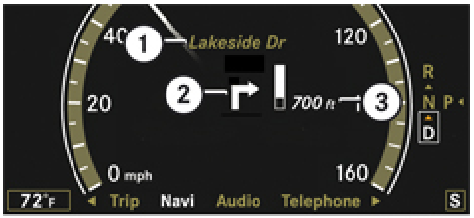

40
1
175 mi
120
20
2
700 ft
3
Acorn St
4
0 mph
160
R
N P
D
72°F
Trip
Navi
Audio
Telephone
S

P54.32-4394-31

Example illustration

① Distance to destination
② Symbol for “follow the course of the road”
③ Distance to next driving maneuver
④ Street you are currently driving on

Notification of driving maneuver


40
1
Lakeside Dr
120
20
2
700 ft
3
0 mph
160
R
N P
D
72°F
Trip
Navi
Audio
Telephone
S

P54.32-4395-31

Example illustration

① Street into which the driving maneuver leads
② Symbol for “driving maneuver”
③ Distance to driving maneuver and visual distance display

When you are being notified of a driving maneuver, you will see a visual distance display ③ next to the driving maneuver symbol. The visual distance display is reduced from bottom to top the closer you come to the announced driving maneuver.

Navigation status displays in the instrument cluster

While route guidance is active, the following messages may be shown in the multifunction display:

- ▨

▷▷

You have reached your destination.

- Area of dest. reached

  You have arrived in the area of your destination. The message appears, for example, for relatively large POIs.
- New Route...

  COMAND calculates a new route, e.g. because you have deviated from the calculated route or due to a detour report. Afterward, COMAND continues route guidance.
- Calculating Route

  COMAND is calculating a route. Afterward, COMAND starts route guidance.
- Off Map

  The vehicle's location is outside of the digital map's range. The vehicle is in an off-map position (▷ page 142).
- Off Mapped Road

  The vehicle is either on a road that has not been digitized (▷ page 142) or on the side of a road, e.g. in a parking space.
- No Route

  COMAND cannot calculate a route to the selected destination.
- Direction of Dest.

  The vehicle has gone off the map during route guidance (▷ page 142).

Audio menu

The functions in the Audio menu operate the audio equipment which you have currently switched on.

The following functions are available:

- Selecting radio station (▷ page 244)
- Operating DVD changer/audio CD/audio DVD/MP3 (▷ page 245)
- Operating video DVD (▷ page 245)

If no audio equipment is currently switched on, the message Audio OFF appears in the multifunction display.

▶ **To adjust the volume:** Press + or − on the multifunction steering wheel.

Selecting radio station

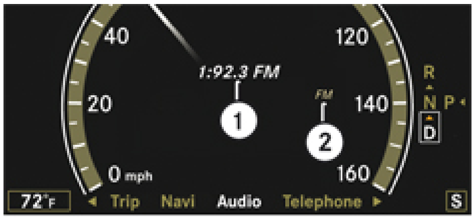
The SIRIUS Satellite Radio is treated as a radio application.

Additional optional satellite radio equipment and a subscription to satellite radio service provider are required for satellite radio operation. Contact an authorized Mercedes-Benz Center for details and availability for your vehicle.

For more information on satellite radio operation, see “Satellite radio” (▷ page 193).

▶ Switch on the COMAND system and select AM/FM radio (▷ page 188) or satellite radio (▷ page 193).

▶ Press ◀ or ▶ to select the Audio menu.
The currently tuned station appears in the multifunction display.



P54.32-5245-31

Example illustration for FM radio

① Station frequency

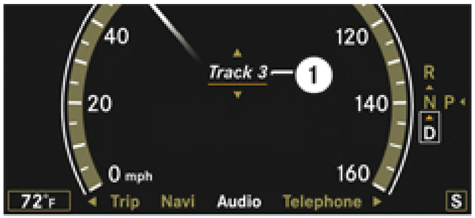
② Wave band setting

- **Select next or previous stored station:** Press button ▼ or ▲ briefly to select a stored station.
- **Select next or previous station in wave band:** Press and hold button ▼ or ▲ to select a station.

You can only change the frequency band and save new stations using the COMAND system, see (▷ page 188) (AM/FM radio) or (▷ page 193) (satellite radio).

Operating DVD changer/audio CD/ audio DVD/MP3

- Switch on the COMAND system and select CD, DVD-Audio or MP3 (▷ page 199).
- Press ◀ or ▶ to select the Audio menu.


40
120
Track 3
1
20
140
R
N P
D
0 mph
160
72°F
Trip
Navi
Audio
Telephone
S

P54.32-4385-31

Example: audio CD

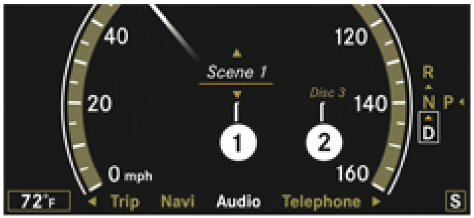
① Current track

- Press ▼ or ▲ to select a track.

ℹ When you play a CD or DVD with text, the multifunction display shows the name and number of the track. For MP3s, only the track is shown.

Operating video DVD

- Switch on the COMAND system and select Video → Video → Video DVD (▷ page 215).
- Press ◀ or ▶ to select the Audio menu.


40
120
Scene 1
Disc 3
1
2
20
140
R
N P
D
0 mph
160
72°F
Trip
Navi
Audio
Telephone
S

P54.32-4526-31

① Current scene

② Disc number

- Press ▼ or ▲ to select a scene.

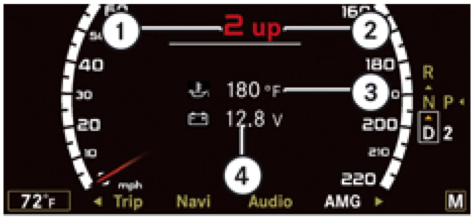
AMG menu

This function is only available in AMG vehicles.

The main screen of the AMG menu shows you

- the gear currently engaged
- the engine oil temperature
- the vehicle supply voltage

- Press button ◀ or ▶ to select the AMG menu.


1
2 up
2
40
180
180 °F
3
R
N P
D 2
12.8 V
200
20
4
220
72°F
Trip
Navi
Audio
AMG
M

P54.32-6389-31

① Gear indicator

② Upshift indicator

③ Engine oil temperature indicator

④ Vehicle supply voltage indicator

The engine oil temperature will be shown in blue if the engine oil temperature has not yet reached 176℉ (80℃). During this time, avoid driving at full engine speed.

▷▷

If the engine reaches the overspeed range in the manual shift program, you will see up next to gear indicator ① as a reminder to upshift.

Use buttons ▼ or ▲ to select the following functions in the AMG menu:

- RACETIMER (▷ page 246)
- Overall analysis (▷ page 247)
- Lap analysis (▷ page 247)

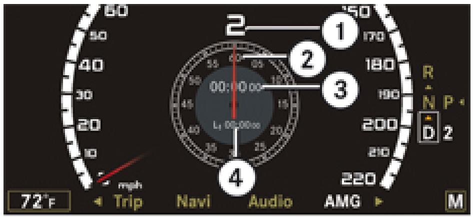
RACETIMER

⚠ **Warning!**

The RACETIMER feature is only for use on roads and in conditions where high speed driving is permitted. Racing on public roads is prohibited under all circumstances and the driver is and must always remain responsible for following posted speed limits.

The RACETIMER allows you to time and save driving stretches.

- ▶ Press button ◀ or ▶ to select the AMG menu.
- ▶ Press ▲ to select the RACETIMER.



P54.32-4569-31

① Gear indicator
② Seconds display
③ RACETIMER
④ Lap

You can start the RACETIMER when the engine is running or the starter switch is in position **2** (▷ page 307).

While the RACETIMER is being displayed, you cannot adjust the audio volume using buttons + or –.

- ▶ **Starting:** Press button +.
- ▶ **Displaying intermediate time:** Press button – while the timer is running.
  The intermediate time is shown for 5 seconds.
- ▶ **Stopping:** Press button +.

When you stop the vehicle and turn the SmartKey to position **1** (▷ page 307) or, in vehicles with KEYLESS-GO, turn off the engine and do not open the driver's door, the RACETIMER stops timing. Timing is resumed when you switch the ignition back on or restart the engine and then press button +.

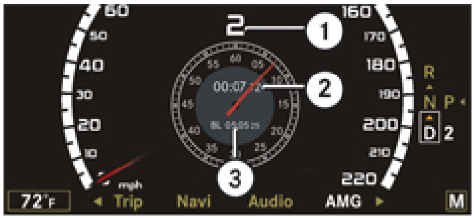
When you switch on the Night View Assist (▷ page 390) while the RACETIMER is operating, the RACETIMER will continue to run in the background but cannot be operated with the multifunction steering wheel buttons.

To stop the RACETIMER, switch off the Night View Assist first.

Saving lap time and starting a new lap

You can save up to 16 laps.

- ▶ Press button – while the timer is running.
  The intermediate time will be shown for 5 seconds.
- ▶ Press button – within 5 seconds.
  The intermediate time shown will be saved as a lap time.
  The RACETIMER begins timing the new lap. The new lap begins to be timed as soon as the intermediate time is called up.


60
50
40
30
20
10
160
170
180
190
200
210
220
2
1
00:07
2
3
R
N
P
D 2
72°F
mph
Trip
Navi
Audio
AMG
M

P54.32-4568-31

① Gear indicator
② RACETIMER
③ Best lap time

Resetting current lap

- ▶ Press button + while the timer is running.
  The timer stops.
- ▶ Press button –.
  The lap time is reset to “0”.

Deleting all laps

It is not possible to delete a single saved lap.

- ▶ Press button + while the timer is running.
  The timer stops.
- ▶ Press button – for at least 3 seconds.
- ▶ Press button +.
  The timer starts. The saved laps are deleted.

or

- ▶ Press OK.
  The reset menu appears in the multifunction display.

Reset
Race Timer
No
Yes
Race Timer
60
40
20
160
180
200
220
R
N
P
D 2
72°F
Trip
Navi
Audio
AMG
M

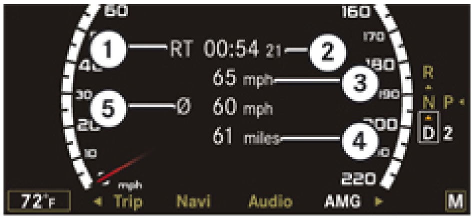
P54.32-6390-31

- ▶ Press ▼ to select Yes and confirm with OK.
  The saved laps are deleted.

Overall analysis

This function is only available if you have saved at least one lap and have stopped the RACETIMER.

- ▶ Press button ▲ repeatedly until the overall analysis appears in the multifunction display.


1
RT 00:54 21
2
65 mph
3
5
Ø 60 mph
61 miles
4
R
N
P
D 2
72°F
Trip
Navi
Audio
AMG
M

P54.32-4565-31

① Overall analysis of RACETIMER
② Overall driving time
③ Maximum speed
④ Overall distance driven
⑤ Average speed

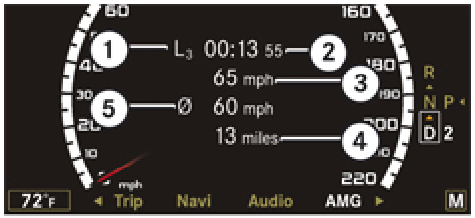
Lap analysis

This function is only available if you have saved at least two laps and have stopped the RACETIMER.

- ▶ Press button ◀ or ▶ to select the AMG menu.
- ▶ Press button ▲ repeatedly until the lap analysis appears in the multifunction display.

Each lap is shown in its own submenu. The fastest lap is indicated by flashing symbol ①.

▷▷



P54.32-4564-31

① Lap number
② Lap time
③ Maximum speed during lap
④ Lap length
⑤ Average speed during lap

▶ Press button ▼ or ▲ to see other lap analyses.

Telephone menu

⚠ **Warning!**

A driver's attention to the road must always be his/her primary focus when driving. For your safety and the safety of others, we recommend that you pull over to a safe location and stop before placing or taking a telephone call. If you choose to use the telephone while driving, please use the hands-free device and only use the telephone when weather, road and traffic conditions permit.

Some jurisdictions prohibit the driver from using a mobile phone while driving a vehicle.

Bear in mind that at a speed of just 30 mph (approximately 50 km/h), your vehicle is covering a distance of 44 feet (approximately 14 m) every second.

Never operate radio transmitters equipped with a built-in or attached antenna (i.e. without being connected to an external antenna) from inside the vehicle while the engine is running. Doing so could lead to a malfunction of the vehicle's electronic system, possibly resulting in an accident and/or personal injury.

You can use the functions in the **Telephone** menu to operate your telephone, provided it is connected to a hands-free system and switched on.

ℹ Various mobile phone cradles can be installed in the front center armrest, see separate installation instructions for the mobile phone cradle. These mobile phone cradles can be obtained from an authorized Mercedes-Benz Center. For more information on telephone, see (▷ page 424).

ℹ A roof cargo container may impair mobile phone reception. In an emergency, remove the mobile phone from the mobile phone cradle to make a call.

▶ Switch on the telephone and the COMAND system.

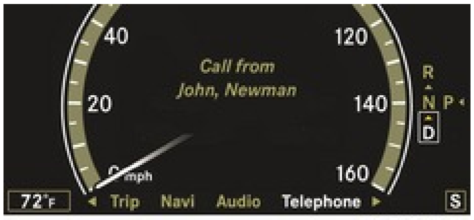
▶ Press button ◀ or ▶ to select the `Telephone` menu.
One of the following messages will appear in the multifunction display:
- `Telephone OFF`: The telephone is inserted in the mobile phone cradle but it is switched off.

- ► Switch on the telephone.

- No telephone inserted: The telephone is not inserted in the mobile phone cradle.
  - ► Switch on the telephone.
  - ► Insert the telephone in the mobile phone cradle.
- Please enter PIN or Enter unlock code: The telephone is inserted in the mobile phone cradle but the PIN or unlock code has not been entered yet.
  - ► Enter the PIN or the unlock coder with the telephone, the COMAND system or Voice Control.
    The telephone will then search for a network.
- Ready or Ready (Roaming): The telephone has found a network and is ready for use. You can operate it using the control system.

Answering a call

When your telephone is ready to receive calls, you can answer a call at any time with the ignition on. When you are in the Telephone menu, you will see the following message in the multifunction display:



Call from
John, Newman

► Press button ☎.

The caller's number appears only if it is transmitted.

The caller's name appears only if the number and the name are stored in the phone book.

Ending a call or rejecting an incoming call

► Press button ☎.

Dialing a number from the phone book

When your telephone is ready to receive calls, you may select and dial a number from the phone book at any time.

ℹ When you insert a Mercedes-Benz approved mobile phone into the cradle, the control system reads in the phone book that is saved on the SIM card or in the phone book of the mobile phone. This can take several minutes, depending on how many entries each phone book contains.

When you press ▼, ▲, ◄, ► or OK during the download of the phone book the message Reading telephone data, please wait... appears in the multifunction display.

When the message: Reading telephone data, please wait... disappears, the phone book has been loaded.

► Press button ◄ or ► to select the Telephone menu.

► Press button ▼ or ▲ or OK to switch to the phone book.
The stored names are displayed in ascending alphabetical order.

► Press button ▼ or ▲ to select the desired entry.

If you press and hold button ▼ or ▲ the system scrolls rapidly through the list of names (quick search). After holding button ▼ or ▲ for a short while the scrolling speed increases. Release the button to stop the quick search. The search stops automatically at the end of the list.

- ▶ Press button ☎ or OK.
  If several entries are present for the same name, they are all shown. Select the desired entry and press button ☎ or OK again.

  The control system dials the selected phone number.

  If the connection is successful and this feature is supported by your network provider, the name of the party (if stored in your phone book) you are calling will appear in the multifunction display.

  The control system stores the dialed number in the redial memory.

or

- ▶ Press button ☎ if you do not want to make the call.

Redialing

The control system stores the most recently dialed phone numbers. This eliminates the need to search through your entire phone book.

- ▶ Press button ◀ or ▶ to select the `Telephone` menu.
- ▶ Press button ☎.
- ▶ Press button ▼ or ▲ to select the desired number and/or name.
- ▶ Press button ☎ or OK.
  The control system dials the selected phone number.

Assistance menu

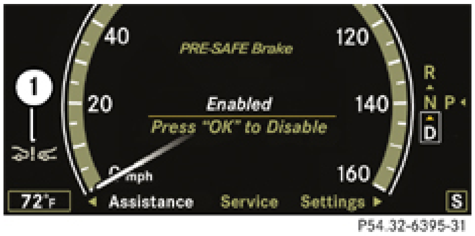
In the `Assistance` menu, you can change the settings of your driving systems.

The following functions are available:

- Displaying distance graphic, DISTRONIC Plus (▷ page 363)
- Activating/deactivating PRE-SAFE® Brake (vehicles with DISTRONIC Plus only) (▷ page 250)
- Switching on or off rear view camera automatically (▷ page 251)
- Switching on or off Blind Spot Assist (▷ page 251)

Activating/deactivating PRE-SAFE® Brake (vehicles with DISTRONIC Plus only)

- ▶ Press ◀ or ▶ to select the `Assistance` menu.
- ▶ Press ▼ or ▲ to select the `PRE-SAFE Brake` function
- ▶ Press OK.


PRE-SAFE Brake

Enabled

Press "OK" to Disable

① PRE-SAFE® Brake indicator

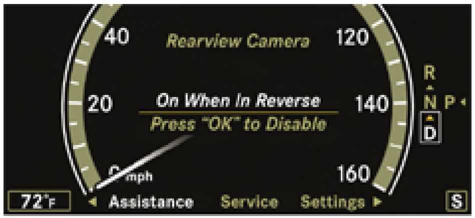
- ▶ Press OK again if you would like to change the current status.
  After the function has been activated, indicator appears on the left-hand side of the multifunction display.

For more information, see (▷ page 76).

Switching on or off rear view camera automatically

ℹ The image from the rear view camera is shown on the COMAND system display.

- ▶ Press ◀ or ▶ to select the `Assistance` menu.
- ▶ Press ▼ or ▲ to select the `Rearview Camera` function
- ▶ Press OK.


Rearview Camera

On When In Reverse

Press "OK" to Disable

P54.32-6396-31

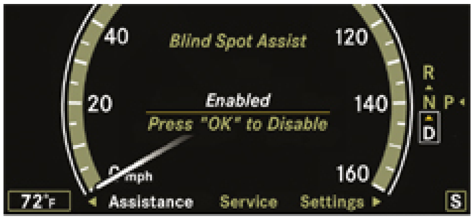
- ▶ Press OK again if you would like to change the current status.
  The following settings are available:

  `On When In Reverse`: The rear view camera automatically switches on when reverse gear is engaged.

  `Disabled`: The rear view camera is not switched on.

Switching on or off Blind Spot Assist

- ▶ Press ◀ or ▶ to select the `Assistance` menu.
- ▶ Press ▼ or ▲ to select the `Blind Spot Assist` function
- ▶ Press OK.


Blind Spot Assist

Enabled

Press "OK" to Disable

P54.32-6397-31

- ▶ Press OK again if you would like to change the current status.

Service menu

In the `Service` menu the following functions are available:

- Calling up messages (▷ page 251)
- Checking tire inflation pressure electronically with the Advanced TPMS (▷ page 459)
- Calling up the maintenance service indicator display (▷ page 482)
- Checking engine oil level (S 600 and S 65 AMG) (▷ page 445)

Calling up vehicle malfunction, warning and system status messages stored in memory

Use the vehicle status message memory function to scan malfunction and warning messages that may be stored in the system. Such messages appear in the multifunction display and are based on conditions or system status the vehicle's system has recorded.

The vehicle status message memory function only appears if there are any messages stored.

▷▷

⚠ Warning!

Malfunction and warning messages are only indicated for certain systems and are intentionally not very detailed. The malfunction and warning messages are simply a reminder with respect to the operation of certain systems. They do not replace the owner's and/or driver's responsibility to maintain the vehicle's operating safety. Have all required maintenance and safety checks performed on the vehicle. Bring the vehicle to an authorized Mercedes-Benz Center to address the malfunction and warning messages.

▶ Press ◀ or ▶ to select the Service menu.
If conditions have occurred causing status messages to be recorded, the number of messages appears in the multifunction display: 2 Messages.

▶ Press ▼ or ▲ to select the Messages function.

▶ Press OK to confirm.
For malfunction and warning messages, see "Vehicle status messages in the multifunction display" (▷ page 495).

▶ Use ▼ or ▲ to scroll through the messages.

If you turn the SmartKey in the starter switch to position **0** and then back to position **2**, all messages will be deleted from the message memory.

Settings menu

In the Settings menu the following functions are available:

- Setting daytime running lamp mode (USA only) (▷ page 252)
- Showing or hiding additional speedometer (▷ page 253)
- Selecting speedometer display mode (▷ page 253)
- Switching the radar sensors on or off (▷ page 253)

Setting daytime running lamp mode (USA only)

▶ Press ◀ or ▶ to select the Settings menu.

▶ Press ▼ or ▲ to select the Day Running Lamps function.

▶ Press OK.

▶ Press OK again if you would like to change the current status.
Depending on the previous status, the daytime running lamps will be switched on or off.

With Daytime Running Lamps mode Enabled selected and the exterior lamp switch at position 0 or A, the low-beam headlamps are switched on when the engine is running.

In low ambient light conditions the following lamps will come on additionally:

- Parking lamps
- Tail lamps
- License plate lamps
- Side marker lamps

For more information on the daytime running lamp mode, see "Lighting" (▷ page 326).

ⓘ Make sure the light switch is set to ≣D or A when you switch off the daytime running lamps while driving at night.

Showing or hiding additional speedometer

You can have an additional digital speedometer shown in the multifunction display. Depending on the setting for the speedometer display mode (▷ page 253), the speed is shown in the unit of kilometers/hour (setting `miles`) or miles/hour (setting `km`).

- ▶ Press ◀ or ▶ to select the `Settings` menu.
- ▶ Press ▼ or ▲ to select the `Add. Speedometer` function.
- ▶ Press OK.
- ▶ Press OK again if you would like to change the current status.
  Depending on the previous status, the additional speedometer will be switched on or off.

Selecting speedometer display mode

- ▶ Press ◀ or ▶ to select the `Settings` menu.
- ▶ Press ▼ or ▲ to select the `Units` function.
- ▶ Press OK.
- ▶ Press OK again if you would like to change the current status.
  Depending on the previous status, the `Display Unit Speed-/Odometer` will be switched to `miles` or `km`.

  The additional speedometer (▷ page 253) will be shown in the other unit.

Switching the radar sensors on or off

If your vehicle is equipped with DISTRONIC Plus, BAS Plus, or Park Assist it is equipped with a radar sensor system which you can switch on and off.

When traveling in Canada in a vehicle not registered in Canada, you must switch off the radar sensor system. Canadian law does not permit the use of the radar sensor system for vehicles from outside of Canada. When you switch off the radar sensor system, the following functions are deactivated:

- BAS Plus (▷ page 70)
- PRE-SAFE® Brake (▷ page 76)
- DISTRONIC Plus (▷ page 360)
- Park Assist (▷ page 379)
- Advanced Parking Guidance (▷ page 383)
- Blind Spot Assist (▷ page 392)

ⓘ USA only:

This device has been approved by the FCC as a “Vehicular Radar System”. The radar sensor is intended for use in an automotive radar system only. Removal, tampering, or altering of the device will void any warranties, and is not permitted by the FCC. Do not tamper with, alter, or use in any non-approved way.

Any unauthorized modification to this device could void the user’s authority to operate the equipment.

Voice Control introduction

ℹ Canada only:
This device complies with RSS-210 of Industry Canada. Operation is subject to the following two conditions:

1. This device may not cause interference, and
2. this device must accept any interference received, including interference that may cause undesired operation of the device.

Removal, tampering, or altering of the device will void any warranties, and is not permitted. Do not tamper with, alter, or use in any non-approved way.

Any unauthorized modification to this device could void the user's authority to operate the equipment.

- ▶ Press ◀ or ▶ to select the `Settings` menu.
- ▶ Press ▼ or ▲ to select the `Radar Sensors` function.
- ▶ Press OK.
- ▶ Press OK again if you would like to change the current status.
  Depending on the previous status, the radar sensors will be switched on or off.

ℹ The selected status of the radar sensors remains stored in memory even if the engine is turned off and restarted.

The following message appears in the multifunction display if the radar sensors are switched off and you attempt to activate DISTRONIC Plus, Park Assist or PRE-SAFE® Brake:

```
Radar Sensors
(See Oper. Manual)
Disabled
```

Voice Control introduction

Safety notes

⚠ Warning!

Only use the Voice Control System when road and traffic conditions permit you to do so. Otherwise you could be involved in an accident in which you or others could be injured.

⚠ Warning!

Please devote your attention first and foremost to the traffic situation you are in. While the system permits hands-free phone operation, attention to traffic may be diverted not only by physical operation of a phone, but also by the distraction of a phone conversation while driving. As such, for safety reasons, we encourage the driver to stop the vehicle in a safe place before answering or placing a phone call.

For safety reasons, you should only select a destination when the vehicle is stationary.

While the navigation system provides directional assistance, the driver must remain focused on safe driving behavior, especially attention to traffic and street signs, and should utilize the system's audio cues while driving.

The navigation system does not supply any information on stop signs, yield signs, traffic regulations or traffic safety rules. Their observance always remains in the driver's personal responsibility. DVD maps do not cover all areas nor all routes within an area.

Traffic regulations always have priority over any route recommendations given.

Bear in mind that at a speed of just 30 mph (approximately 50 km/h), your vehicle is covering a distance of 44 feet (approximately 14 m) every second.

⚠ **Warning!**

Navigation announcements are intended to direct you while driving without diverting your attention from the road and driving.

Please always use this feature instead of consulting the map display for directions. Consulting the symbols or map display for directions may cause you to divert your attention from driving and increase your risk of an accident.

⚠ **Warning!**

Please do not use the Voice Control System in an emergency, as the tone of your voice may change in a stressful situation. This could cause a delay in completing your phone call in a timely manner. This could distract you in an emergency situation and cause you to be involved in an accident.

General information

The Voice Control System gives you the capability to control the following systems on your vehicle using spoken commands:

- Telephone (▷ page 265)
- Navigation (▷ page 258)
- Address book (▷ page 270)
- Audio (▷ page 273) (AM/FM radio, CD/DVD changer, MP3 player)

You control these systems using spoken commands. Moreover, controls such as the buttons on the multifunction steering wheel (▷ page 256) allow you to keep your hands on the steering wheel.

The command vocabulary consists of approximately 300 ready-to-use phrases. The Voice Control System recognizes commands and number sequences, irrespective of the speaker. To optimize speech recognition for your voice follow the individualization process (▷ page 293).

You can use the Voice Control System to call up all of COMAND's main menu items, with the exception of the main menus for “Vehicle” and “Navi”.

The commands and digit sequences can be spoken without pausing between the individual words. If an unavailable or incorrect command is used, the Voice Control System will prompt you for a new command by asking “Please repeat” or “Please repeat your entry”.

In order to provide for a safe and comfortable dialog, the Voice Control System acknowledges important commands.

Voice Control introduction

Spelling

You may not need to spell the entire name (street, intersection, city or point of interest) especially if the name is lengthy. Spelling the first three to five characters of the name should be sufficient for the system to recognize the name provided it is available on the navigation DVD.

The selection appearing on the COMAND display is sorted based on your recognized voice input and a matching algorithm. You can use the commands “Next page” or “Previous page” to scroll up or down in the list.

Use the command “Correction” to start over by again spelling the name.

Speak each character as clearly as you can, especially when they sound very similar (d or e).

Command types

The Voice Control System commands can be categorized as:

- General Commands
  These are commands always available to you as soon as the Voice Control System is activated (for example “Help” commands).
- Local Commands
  These are commands specific to the currently active system shown in the COMAND display (for example commands to control the CD/DVD changer).

For a complete list of commands (▷ page 277).

ℹ During Voice Control System operation visual help windows also appear in the COMAND display (▷ page 257).

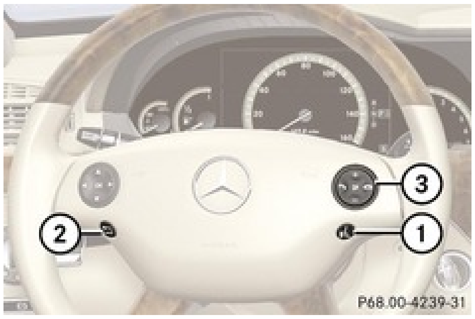
Active System

The active system is the system currently shown in the COMAND display.

If, for example, you listen to the radio while the telephone system is active on the COMAND display, you have to switch to the radio using the command “Radio” before you can operate the radio.

Controls

Operation via the multifunction steering wheel



	Item	
①	🗣	Activating the Voice Control System Accepting a call
②	↩	Canceling Voice Control
③	+	Increasing volume
	−	Decreasing volume
	📞	Taking a call Dialing Redialing
	☎	Ending a call Rejecting an incoming call

ℹ The Voice Control System can be canceled at any time, even during a dialog. Please note that if the Voice Control System is canceled during a dialog, then the complete procedure is stopped and the Voice Control System is canceled.

Activating the Voice Control System

- ▶ Switch on COMAND (▷ page 83).
- ▶ Press 🗣.
  An acoustic signal confirms the activation of the system.
- ▶ Speak a command.

Canceling the Voice Control System

- ▶ Press ↩.

or

- ▶ Speak the command “Cancel” (except for speaking voice entries, entering a city or carrying out individualization).

or

- ▶ Press any COMAND button.

Setting volume level

- ▶ Activate the Voice Control System.
- ▶ Speak a command, for example “Help”.
- ▶ Press + or −. The volume is increased or decreased during voice output.

or

- ▶ Set volume for voice output using the COMAND volume thumbwheel on the lower part of the front center console (▷ page 92).

Displays

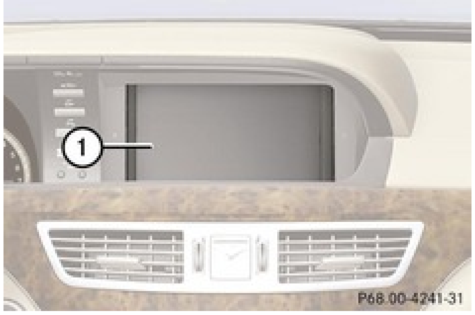
COMAND Display

In addition to the acoustic help function, a visual help function (▷ page 97) is available on the COMAND display.

Upon activating the Voice Control System, the most important available commands for the currently active system appear on the COMAND display.

When the Voice Control System requires additional information from the user, a selection list is shown on the COMAND display in the address book and navigation system.

▷▷



① COMAND display

Multifunction display

For example, telephone numbers are shown in the multifunction display while dialing when the main `Telephone` menu is selected in the instrument cluster control system.

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① Multifunction display

Symbols

The following symbols are found in the Voice Control System pages:

🗣	This symbol stands for commands and voice entries you are speaking.
🔈	This symbol stands for voice output by the Voice Control System.
▭	This symbol indicates that information is available on the COMAND display.

Voice Control navigation

Important notes

Safety notes for using the Voice Control System

⚠ **Observe Safety notes, see page 254.**

Safety notes for using the navigation system

⚠ **Observe Safety notes, see page 99.**

Navigation operation

The Voice Control System allows you to

- enter a state or province
- enter a city
- spell the name of a city
- spell the name of district or center
- spell the name of a street
- spell the name of an intersection
- enter a house number
- enter a complete address

- select one of your last destinations
- enter a POI (point of interest)
- select one of your last destinations
- save a destination
- navigate to a destination stored in the destination memory of the address book
- start route guidance
- display the map
- zoom in or zoom out of the map
- listen to the destination memory
- cancel route guidance
- turn guide instructions on or off

Before you can operate navigation using the Voice Control System, you have to activate the Voice Control System (▷ page 257).

Selecting navigation mode

▶ Press 🗣.

▶ Speak the command "Navigation".

▶ Press 🗣.

▶ Speak one of the navigation commands.

Navigation commands

ℹ You cannot start the route guidance until all necessary address data has been entered.

For a complete list of commands (▷ page 277).

"Help navigation"/"Help"

Use the command "Help navigation" or "Help" to read out an option list of available functions and commands that can be used in conjunction with the navigation system.

"Enter state","Enter province"

Use the command "Enter state" or "Enter province" to select a different state or province on the navigation DVD.

Sample dialog:

🗣 Enter state
🔈 Please say the name of the state
🗣 New York
▭ The system shows a numbered list of states recognized by the system
🔈 Please select a line number
🗣 Number two
or to accept, say
🗣 Yes
🔈 State accepted

The selected entry is adopted from the list.

"Last states"

Use the command "Last states" to select a state or province from among a number of last selected states or provinces.

Dialog for entering a complete address

"Enter destination"

Use the command "Enter destination" to enter a complete destination address.

The system guides you through the dialog. As soon as a valid address has been entered, you can start route guidance or save the destination. For information on spelling (▷ page 263).

Sample dialog:

🗣 Enter destination
🔈 Please spell a New York street name
🗣 B-R-O-A-D-W

▷▷

▭ The system displays a numbered list of matching street names on the COMAND display
🔈 Please select a line number
🗣 Number two
🔈 Number two accepted
🔈 Do you want to enter a house number?
🗣 No
🔈 Do you want to enter an intersection?
🗣 No
🔈 Do you want to spell the town’s name?
🗣 Yes
🔈 Please spell the town name
🗣 N-E-W-Y-O-R-K
▭ The system displays a numbered list of matching city names on the COMAND display
🔈 Please select a line number
🗣 Number one
🔈 Number one accepted
🔈 Do you want to start route guidance?
🗣 Yes
🔈 Starting route guidance

The system calculates the route and, upon completing route calculation, starts route guidance.

ℹ You may not need to spell the entire name (street, intersection, city or point of interest) especially if the name is lengthy. Spelling the first three to five characters of the name should be sufficient for the system to recognize the name provided it is available on the navigation DVD.

ℹ The selection appearing on the COMAND display is sorted based on your recognized voice input and a matching algorithm.

You can use the commands “Continue” or “Back” to scroll up or down in the list.

Use the command “Correction” to start over by again spelling the name.

Speak each character as clearly as you can, especially when they sound very similar (d or e).

“Points of interest”

Use the command “Points of interest” to select a point of interest (POI) such as airports, railroad stations, gas stations etc.

Sample dialog:

🗣 Points of interest
▭ The system shows the following list on the COMAND display:

- current position
- other town/city
- Global POI

🔈 Please select a line number
🗣 Number one
▭ The system displays a numbered list of available POI categories: Select POI category menu
🔈 Please select a line number
🗣 Number one
▭ The system displays a numbered list search categories: Find menu
🔈 Please select a line number
🗣 Number one
▭ The system displays a numbered list of airports sorted by distance
🔈 Please select a line number
🗣 Number one
🔈 Point of interest accepted
🔈 Do you want to start route guidance?

🗣 Yes

🔈 Starting route guidance

ℹ Depending on the number of categories and POI's available for a given area, the system may display several lists on each of which you may have to make a selection by speaking the desired line number or you have to spell the name of a POI.

"Next POI"

With the commands

- "Next gas station"
- "Next parking lot"
- "Next Mercedes-Benz service"
- "Next restaurant"
- "Next hospital"

you can select POIs in your vicinity.

Sample dialog:

🗣 Next gas station

🖵 The system shows a numbered list of gas stations on the COMAND display

🔈 Please select a line number

🗣 Number one

🔈 Number one accepted

🔈 Do you want to start route guidance?

🗣 Yes

The system calculates the route and, upon completing route calculation, starts route guidance.

"Last destinations"

Use the command "Last destinations" to select a destination from among a number of destinations last navigated to.

"Save destination"

Use the command "Save destination" to save the current destination in the address book.

ℹ The Voice Control System may recognize names even if not saved in your voice. For best possible call-up performance, however, you should speak and save the names you intend to use yourself.

If an entry is already available in the address book, the system will ask you if you would like to add the address to the available entry.

Sample dialog:

🗣 Save destination

🔈 Please say the name

🗣 John Smith

🔈 Please repeat the name

🗣 John Smith

🔈 Where do you want to save: home or work?

🗣 Work

🔈 The destination has been saved

"Navigate to <voice entry>" (address book)

Use the command "Navigate to <voice entry>" to start route guidance by selecting voice entry with a saved destination address from the COMAND address book.

A voice entry may have two different destination addresses associated with it (home or work).

The system confirms your command, calculates the route, and begins route guidance. If only one address is stored, you can use the command "Navigate <voice name>" to select the stored destination address for that name.

If two addresses are stored, you can use the commands

- "Navigate <voice name> home"

▷▷

or

- “Navigate <voice name> work”
  to directly select between home or work address for that name. The system confirms your selection, calculates the route, and begins route guidance.

Sample dialog:

🗣 Navigate to John Smith

If more than one address exists for this voice entry, the Voice Control System will prompt you:

🔈 Navigate to home or work?

🗣 Work

🔈 John Smith work

Starting route guidance

“Start route guidance”

Use the command “Start route guidance” to start route guidance after entering a valid destination.

Sample dialog:

🗣 Start route guidance

🔈 Starting route guidance

Route guidance begins.

“Guidance instructions on”

Use the command “Guidance instructions on” to have the Voice Control System repeat the last guidance instruction. If guidance voice output was previously muted, using this command will deactivate the muting of the voice output.

“Guidance instructions off”

Use the command “Guidance instructions off” to mute the system’s guidance voice output.

“Cancel route guidance”

Use the command “Cancel route guidance” to cancel route guidance.

Sample dialog:

🗣 Cancel route guidance

🔈 Are you sure you want to cancel route guidance?

🗣 Yes

Route guidance is canceled.

or

🗣 No

🔈 Cancel

The dialog with the Voice Control System is canceled. Route guidance remains active.

“Map”

Use the command “Map” to activate or switch to map display.

“Zoom in”, “Zoom out”

Use these commands to zoom in on map or to zoom out of map to the desired level of map detail.

“Zoom in completely”, “Zoom out completely”

These commands are used to adapt the map display directly to the smallest or largest map scale.

“List destination memory”

Use the command “List destination memory” to have the system read out all destination memory entries and select and entry for route guidance.

Sample dialog:

🗣 List destination memory

The system reads out the address book destination memory.

To select a voice entry and adopt address for route guidance:

- When the system reads the desired entry, press 🗣.

If more than one address is available, the system will prompt you:

🔈 Navigate to home or work?
🗣 Home
The system reads the selected voice entry and starts route guidance.

To cancel the dialog:

- Press ↩.
  You have canceled the dialog. The system confirms cancellation by saying “Cancel”.

Commands for entering parts of an address

“Enter town”

The “Enter town” command is used to enter any larger town or city in the USA or Canada.

ℹ If the desired town/city does not appear on the list of towns/cities, the town or city can be entered by using the “Spell town” command.

ℹ You can scroll through the list by using the “Continue” or “Back” command. Say “Correction” to enter the town or city again.

Sample dialog:

🗣 Enter town
🔈 Please spell the name of the town
🗣 E-A-S-T-O-N
▭ The system displays a numbered list of available city names
🔈 Please select a line number
🗣 Number one
🔈 Number one, town accepted

The city selected is adopted for route guidance.

“Spell town”

Use the command “Spell town” to enter a city name by spelling mode and see if it matches an entry available on the navigation DVD.

Speak the characters as a continuous string (five to seven characters). The system then displays a list of cities on the COMAND display from which you can select the desired city.

Sample dialog:

🗣 Spell town
🔈 Please spell the town name
🗣 N-E-W-Y-O-R
▭ The system displays a numbered list of available city names
🔈 Please select a line number
🗣 Number one
🔈 Number one, town accepted

The city selected is adopted for route guidance.

ℹ You can use the commands “Continue” or “Back” to scroll up or down in the list. Use the command “Correction” to start over again by spelling the name of the town.

ℹ You must also spell foreign towns or cities in English. Please note that the list on the

▷▷

COMAND display is sorted according to the probability of the voice recognition.

Speak each character as clearly as you can, especially when they sound very similar (d or e).

“District” or “Center”

Use the command “District” or “Center” to to spell a city location in the city previously selected.

Speak the characters as a continuous string (five to seven characters). The system then displays a list of available city districts or centers on the COMAND display. Select the desired city center from that list.

Sample dialog:

🗣 District

🔈 Please spell the center

🗣 S-T-A-T-E-N-I-S

▭ The system displays a list of available districts if more than one name matches the name of a district for the given city

🔈 Please select a line number

🗣 Number one

🔈 Number one, center accepted

The district selected is adopted for route guidance.

“Street”

Use the command “Street” to spell and select a street for the adopted city. Only street names available on the navigation DVD can be selected.

Speak the characters as a continuous string (five to seven characters). The system then displays a list of available street names on the COMAND display. Select the desired street name from that list.

Sample dialog:

🗣 Street

🔈 Please spell the name of the street

🗣 F-O-R-E-S-T

▭ The system displays a numbered list of available street names

🔈 Please select a line number

🗣 Number one

🔈 Number one, street accepted

The street name selected is adopted for route guidance.

“Intersection”, “Cross street”

Use the command “Intersection” or “Cross street” to spell and select an intersection.

Speak the characters as a continuous string (five to seven characters). The system then displays a list of available intersections on the COMAND display. Select the desired intersection from that list.

Sample dialog:

🗣 Intersection

🔈 Please spell the first street name

🗣 F-O-R-E-S-T

🔈 Please spell the name of the crossing street

🗣 D-U-D-L-E-Y

▭ The system displays a numbered list of available intersections on the COMAND display

🔈 Please select a line number

🗣 Number one

🔈 Intersection accepted

The intersection is adopted for route guidance. If an address at the intersection is recognized, the system asks if it is correct. Say “Yes” or “No”.

“House number”

Use the command “House number” to select a house number for the street previously selected. Speak the house number in single digits.

Sample dialog:

🗣 House number

🔈 Please say the house number in single digits

🗣 Three two

🔈 Is three two correct?

🗣 OK

🔈 House number accepted

The house number is adopted for route guidance.

Voice Control telephone

Safety notes

ℹ For more information on telephone, see (▷ page 424) and (▷ page 155).

Safety notes for using the Voice Control System

⚠ **Observe Safety notes, see page 254.**

Safety notes for using the telephone

⚠ **Observe Safety notes, see page 155.**

Telephone operation

The Voice Control System gives you the following capabilities:

- Entering a telephone unlock code.
- Dialing a phone number by speaking the telephone number.
- Storing names and numbers in the COMAND address book.
- Dialing a phone number by speaking the name of an COMAND address book entry.
- Deleting an address book entry from the address book.
- Having the system read out the phone book of the address book entry by entry.
- Managing and accessing an automated answering system/voice mail box.
- Redialing names and numbers.

The Voice Control System detects whether

- your telephone is switched on
- the corresponding mobile network is logged in
- it is possible to dial

If dialing is not possible, the Voice Control System will advise you accordingly.

ℹ You can continue operating your mobile phone using the telephone keypad or keypad on your phone.

Before you can operate the telephone using the Voice Control System, you have to activate the Voice Control System (▷ page 257).

Telephone commands

For a complete list of commands, see (▷ page 277).

“Telephone”

Use the command “Telephone” to activate the telephone main menu. Use this command if you want the digits you are entering to appear on the COMAND display.

“Help telephone”

The Voice Control System features a comprehensive help function.

Use the command “Help telephone” and the Voice Control System will read out an option list of available functions and commands that can be used in conjunction with the telephone (▷ page 97).

“Enter PIN”

ℹ The PIN (only GSM mobile phones) prompt starts automatically whenever the phone is locked and you wish to use it.

Use the command “Enter PIN” to input the code to unlock your telephone. After speaking the command, you are prompted to enter the code.

Speak the code

- as a continuously spoken string of digits, or
- in digit blocks (three to five digits in each block).

Digits from “Zero” to “Nine” may be used.
After each digit block (separate the digit blocks by using an approximately 0.5 second pause), the Voice Control System repeats the recognized digits and waits until you continue speaking.

Sample dialog:

🗣 Enter PIN
🔈 Please say the PIN
🗣 Zero zero one one
🔈 Zero zero one one
🗣 OK

“Dial number”

You can dial a phone number using the command “Dial number”.

Digits from “Zero” to “Nine” may be used.

The phone number must be spoken

- as a continuously spoken string of digits, or
- in digit blocks (three to five digits in each block).

After each digit block (separate the digit blocks by using an approximately 0.5 second pause), the Voice Control System repeats the recognized digits and waits until you continue speaking.

When dialing 1-800 numbers, you may pronounce the first four digits as “One eight hundred” and the system will recognize the spoken entries as “One eight zero zero”. All other numeric entries must be spoken as individual numbers.

Sample dialog:

🗣 Dial number
🔈 Please say the number
🗣 One two three
🔈 One two three
🗣 Four five six seven
🔈 Four five six seven
🗣 OK
🔈 Dialing

ℹ You can also dial the telephone number spoken by pressing buttons on the multifunction steering wheel (instead of using the command “OK”):
You can dial the telephone number before all numbers are recited in full.

“Confirm”

Using the command “Confirm” will repeat all digits spoken up to that point. Upon repeating the digits, the system will prompt you to continue your input.

Sample dialog:

🗣 Dial number
🔈 Please say the number
🗣 One two three
🔈 One two three
🗣 Confirm
🔈 One two three, please continue
🗣 Four five six seven
🔈 Four five six seven
🗣 OK
🔈 Dialing

“Correction”

Using the command “Correction” will correct the last entered digit block. After speaking the command, the last digit block is deleted and all previously entered digits are repeated. The system then prompts you to continue your input.

Sample dialog:

🗣 Dial number
🔈 Please say the number
🗣 One two three
🔈 One two three
🗣 Four five six seven
🔈 Five five six seven
🗣 Correction
🔈 One two three, please continue
🗣 Four five six seven
🔈 Four five six seven
🗣 OK
🔈 Dialing

“Delete”

Using the command “Delete” will erase all digits entered. The system then prompts you to start your input again.

Sample dialog:

🗣 Dial number
🔈 Please say the number
🗣 One two three
🔈 One two three
🗣 Four five six seven
🔈 Four five six seven
🗣 Delete
🔈 Number deleted. Please enter the number again
🗣 Four two seven three
🔈 Four two seven three
🗣 Three nine one
🔈 Three nine one
🗣 OK
🔈 Dialing

“Redial”

Use the command “Redial” to dial the last dialed number.

“Save name” (COMAND address book)

Use the command “Save name” to create a new entry in your COMAND address book. After using the command, the system will prompt you to enter a phone number.

Digits from “Zero” to “Nine” can be entered (▷ page 266).

Speak the telephone number

- as a continuous string

▷▷

or, with longer phone numbers,

- in digit blocks (three to five digits in each block).

After each digit block (separate the digit blocks by using an approximately 0.5 second pause), the Voice Control System repeats the recognized digits and waits until you continue speaking.

After the command “OK”, you will be prompted up to two times to input the name. When repeating the name, make sure that you pronounce it in the same manner as during the first input. Otherwise the name cannot be saved and the Voice Control System cancels the save procedure.

ℹ The Voice Control System may recognize names even if not saved in your voice. For optimum call-up performance, however, you should speak and save the names you intend to use yourself.

ℹ You can also add a name to an entry by calling up the corresponding menu on COMAND and saying the name twice (▷ page 182).

Sample dialog:

🗣 Save name
🔈 Please say the number first
🗣 One two three
🔈 One two three
🗣 Four five six seven
🔈 Four five six seven
🗣 OK
🔈 Please say the name
🗣 John Smith
🔈 Please repeat the name
🗣 John Smith
🔈 Do you want to save the number in a category?
🗣 No
🔈 Name and number saved

“Dial name” (COMAND address book)

Use the command “Dial name” to place a phone call by selecting a name previously saved in your personal address book.

Sample dialog:

🗣 Dial name
🔈 Please say the name
🗣 John Smith

If several telephone numbers exist for the same entry, the Voice Control System will ask for clarification.

🔈 Do you want to place a work call or a home call?
🗣 Work
🔈 John Smith work
Dialing

“Call <voice entry>” (address book)

Use the command “Call <voice entry>” to place a phone call by directly selecting a name previously stored in your address book.

One address book entry can have up to three different telephone numbers (mobile phone/car/land line) for both the home and work fields.

If only one telephone number is stored for a given name, you can recall the entry using the command “Call John Smith”.

If several telephone numbers are associated with one entry, you can recall the desired telephone number by using the following commands:

- “Call John Smith home”
- “Call John Smith work”
- “Call John Smith home cell phone”

- “Call John Smith home car”
- “Call John Smith home land line”
- “Call John Smith work cell phone”
- “Call John Smith work car”
- “Call John Smith work land line”

The system confirms your input and the number is dialed.

Sample dialog:

🗣 Call John Smith

If several telephone numbers exist for the same entry, the Voice Control System will ask for clarification.

🔈 Do you want to place a work call or a home call?

🗣 Work

🔈 John Smith work
Dialing

“Delete name” (COMAND address book)

Use the command “Delete name” to delete a name from the COMAND address book.

Sample dialog:

🗣 Delete name

🔈 The name, please

🗣 Smith office

🔈 Smith office: Would you like to delete the voice name?

🗣 Yes

🔈 The voice name is deleted

“List phone book” and dialing a phone number

Use the command “List phone book” to listen to all voice entries in the phone book with a phone number stored, and select an entry and dial that number.

Sample dialog:

🗣 List phone book

The system reads out the complete phone book entry by entry.

Selecting an entry and dialing that number

▶ For the desired entry, press 🗣 during or immediately after voice output.
If more than one phone number exists for a given entry, the Voice Control System prompts:

🔈 Do you want to place a work call or a home call?

🗣 Home

The system reads out the name of the selected entry and dials the corresponding number.

Canceling the dialog

▶ Press ↩.
The system confirms “Cancel”. The dialog is concluded.

Managing automated answering system/voice mail box

Activate the Voice Control System to access and manage your answering machine/voice mail box.

▶ Activate the Voice Control System during a phone call (▷ page 257).
An acoustic signal confirms the activation of the system.

▶ Speak the required digits (“Zero” to “Nine”).

or

▶ Speak the required words “Star” and “Pound”.

▶ Speak the final command “OK”.
The system dials the number entered.

Voice Control address book

Safety notes

⚠ Warning!

Please devote your attention first and foremost to the traffic situation you are in.

Before your journey, please familiarize yourself with the address book functions.

Only use the Voice Control System when road and traffic conditions permit you to do so. Otherwise you could be involved in an accident in which you or others could be injured.

COMAND address book overview

The Voice Control System address book function gives you the capability to store names and associated phone numbers and address information.

You can store up to 80 speaker-dependent voice entries in the Voice Control System address book.

Using these voice entries, you can dial a phone number stored in address book or start route guidance to an address stored in the address book. Available commands are dependent on the status of the address book.

The address book can be in one of the following status:

- Address book not open
- Address book open

Operation with address book not open (global)

The Voice Control System gives you the following capabilities:

- Storing a name (▷ page 267).
- Dialing a name (▷ page 268).
- Deleting a name (▷ page 269).
- Navigating to an entry (▷ page 261).
- Listing address book (▷ page 271).
- Listing phone book of the address (▷ page 269).
- Listing address book destination memory (▷ page 262).
- Deleting the address book (▷ page 271).
- Opening the address book.

Opening address book

▶ Press 🗣.

▶ Speak the command “Address book”.

▶ Press 🗣.

▶ Speak one of the address book commands described below.

Operation with address book open (local)

In addition to the capabilities listed when the address book is not open, the address book opened allows you to:

- open an entry using the corresponding voice entry
- open any entry by spelling the name

▶ **Opening entry:** Speak the command “Open entry”.

Operating and using address book

- Press 🗣.
- Speak one of the following commands depending on the address book status (open or not open).

Available commands with the address book not open

For a complete list of commands, see (▷ page 277).

“Help address book”

Use the command “Help address book” to have the Voice Control System read out an option list of all available commands for the address book.

“Save name”

For information to “Save name”, see (▷ page 267).

“Dial name”

For information to “Dial name”, see (▷ page 268).

“Call <voice name>”

For information to “Call <voice name>”, see (▷ page 268).

“Delete name” (address book)

Use the command “Delete name” to delete a voice name from your address book.

Sample dialog:

🗣 Delete name
🔈 Please say the name
🗣 John Smith
🔈 Do you want to delete John Smith?
🗣 Yes
🔈 The voice name is deleted

“Navigate to <voice entry>” (address book)

For information to “Navigate to <voice entry>”, see (▷ page 261).

“List address book”

Use the command “List address book” to have the system read out all available address book entries and, if desired, select an entry when it is being read.

Sample dialog:

🗣 List address book

The system reads out all available address book entries.

- **Selecting address book entry:** When the system reads the desired entry, press 🗣.
  The entry is selected and shown on the COMAND display.
- **Canceling the dialog:** Press ↩.
  You have canceled the dialog. The system reads out “Cancel”.

“List phone book” and dialing a phone number

For information to “List phone book” and dialing a phone number, see (▷ page 269)

“List destination memory”

For information to “List destination memory”, see (▷ page 262).

“Delete address book”

Use the command “Delete address book” to delete all or individual voice names of the address book entries. Only the voice name is

▷▷

deleted; the remaining data in the entry are retained.

“Address book”

Use this command to open the address book.

Available commands with the address book open

“Help address book”

Use the command “Help address book” to have the Voice Control System read out an option list of all available commands for the address book.

“Open <voice name>”

Use the command “Open <voice name>” to open an entry in your address book that has a voice name already assigned to it.

Sample dialog:

- 🗣 Open John Smith
- ▭ The entry `John Smith` appears on the COMAND display

“Select entry”

Use the command “Select entry” to open an entry in your address book.

Sample dialog:

- 🗣 Select entry
- 🔈 Please say the name
- 🗣 John Smith
- ▭ The entry `John Smith` appears on the COMAND display.

“Spell entry”

Use the command “Spell entry” to open an address book entry by spelling the name.

Speak the name as a continuous string (five to seven characters).

The system will display a list of possible matches on the COMAND display from which you can select the desired entry.

Sample dialog:

- 🗣 Spell entry
- 🔈 Please spell the name
- 🗣 S-M-I-T-H
- ▭ The system displays a numbered list of matching entries on the COMAND display
- 🔈 Please select a line number
- 🗣 Number two
- ▭ The system opens the entry associated with line number two on the list

ℹ You can use the commands “Continue” or “Back” to scroll up or down the next page. Use the command “Correction” to exit the current selection list and spell the name again.

Voice Control radio

Safety notes

⚠ **Warning!**

Please devote your attention first and foremost to the traffic situation you are in.

Before your journey, please familiarize yourself with the radio functions.

Only use the Voice Control System when road and traffic conditions permit you to do so. Otherwise you could be involved in an accident in which you or others could be injured.

Radio operation

The Voice Control System gives you the capability to:

- Selecting a station.
- Seeking a station.
- Selecting a specific frequency.
- Saving up to 20 stations in your station list.
- Selecting frequency band (FM or AM).
- Selecting weatherband.
- Switching to satellite radio.
- Deleting station (from station list).
- Listing the station list.
- Deleting the station list.

To operate the radio using the Voice Control System, the Voice Control System must be activated (▷ page 257).

Selecting radio mode

▶ Press 🗣.

▶ Speak the command “Radio”.

▶ Press 🗣.

▶ Speak one of the radio commands.
The system switches to the last tuned station in the selected band.

Radio commands

For a complete list of commands (▷ page 277).

“Help Radio”

Use the commands

- “FM”
- “AM”
- “Weatherband”

to select the desired frequency band or switch the radio to the weatherband.

“Sat Radio”

Use this command for switching on the satellite radio.

“Next station” or “Previous station”

The following commands are used to start the station search and to tune in the next station:

- “Next station”
- “Previous station”

Selecting frequency (FM, AM only)

You may, for example, select a frequency in the FM band (87.9 to 107.9 Megahertz) directly using a verbal command such as “Ninety-five five”. The Voice Control System also recognizes the words “frequency”, “point” and “megahertz”. You may for example use the command “Frequency ninety-five point five”.

Sample dialog:

🗣 Ninety-five point five

▷▷

The Voice Control System tunes the radio to frequency FM 95.5.

"Save station" (List saved stations)

Use this command to save the set station (AM and FM only) by name in your personal station list. After using this command, the Voice Control System will prompt you to repeat the name two to four times before it is saved in the station list. When repeating the station name, make sure that you pronounce it in the same manner as during the first input. Otherwise the name cannot be saved and the Voice Control System cancels the save procedure.

ℹ The Voice Control System may recognize names even if not saved in your voice. For optimum performance, however, call up only names you have saved yourself.

ℹ You can freely select the station name, for example "Favorite station".

Sample dialog:

🗣 Save station
🔈 Please say the station name
🗣 Smooth Jazz
🔈 Please say the station name again
🗣 Smooth Jazz
🔈 The station Smooth Jazz has been saved

"Select station" (List saved stations)

Use the command "Select station" (AM and FM only) to select a saved station name from your station list.

Sample dialog:

🗣 Select station
🔈 Please say the station name
🗣 Smooth Jazz

The Voice Control System tunes to the corresponding frequency.

"Station Smooth Jazz" (List saved stations)

Use this command (AM and FM only) to directly select a saved station name from your station list.

Sample dialog:

🗣 Station Smooth Jazz

The Voice Control System tunes to the corresponding station.

ℹ If the Voice Control System does not recognize the station name you requested, please refer to the section "List station list". By following the dialog, you can check and determine if the name is saved in the station list.

"List station list" and select station from list

Use this command to list the entire station list, or to select an entry from the station list.

Sample dialog:

🗣 List station list

The Voice Control System reads out the entire list.

To select a station:

- ▶ Press 🗣, when the system reads the desired station.
- ▶ **Canceling the dialog:** Press ↩.
  The dialog is concluded. The system confirms "Cancel".

"Delete station" (List saved stations)

Use the command "Delete station" (AM and FM only) to delete a station from your personal station list.

Sample dialog:

🗣 Delete station
🔈 Which station do you want to delete?
🗣 Smooth Jazz
🔈 Do you want to delete Smooth Jazz?
🗣 Yes
🔈 Station deleted

“Delete station list”

Use this command to delete the complete station list or one or more stations from the station list.

Sample dialog:

🗣 Delete station list
🔈 Do you want to delete all voice names from the station list?
🗣 Yes
🔈 Are you sure?
🗣 Yes
🔈 All voice names have been deleted from the station list

The system deletes the complete station list. The deletion of the station list cannot be undone.

or

🔈 No

The system starts reading the station list.

When the system reads the station to be deleted:

- Press 🗣.
  The station to be deleted is selected. The name of the selected station is read out once more.

🔈 Do you want to delete Smooth Jazz?
🗣 Yes
🔈 Station deleted

The station is erased and the remaining station entries are read out.

or

🔈 No

The system continues reading the station list entry by entry.

Voice Control CD/DVD changer/MP3

Safety notes

⚠ **Warning!**

Please devote your attention first and foremost to the traffic situation you are in.

Before your journey, please familiarize yourself with the audio functions.

Only use the Voice Control System when road and traffic conditions permit you to do so. Otherwise you could be involved in an accident in which you or others could be injured.

Operation

The Voice Control System gives you the ability to:

- Selecting a CD/DVD/medium.
- Selecting a track.
- Selecting a folder in MP3 mode.
- Selecting a group in audio-DVD mode.

ℹ The following commands “Next/Previous CD/DVD” and “CD/DVD 1” to “CD/DVD 6”, cause the DVD changer to switch from one slot to another, regardless of the

▷▷

type of medium found in the selected slot. In your command, you can therefore replace the term “CD/DVD” with “Medium”.

To operate the DVD changer using the Voice Control System, the Voice Control System must be activated (▷ page 257).

Selecting CD mode

- ▶ Press 🗣.
- ▶ Speak one of the following commands:
  - “CD”
  - “DVD”
  - “MP3”
- ▶ Press 🗣.
- ▶ Speak one of the following commands.

Commands

For a complete list of commands, see (▷ page 277).

“Help CD”, “Help DVD” or “Help MP3”

Use the commands

- “Help CD”
- “Help DVD”
- “Help MP3”

and the Voice Control System will read out a complete list of available commands for the CD, DVD or MP3.

“CD/DVD/Medium 1” to “CD/DVD/Medium 6”

Use commands “CD/DVD/Medium 1” to “CD/DVD/Medium 6” to select one of up to six mediums in your DVD changer.

“Next CD/DVD/Medium”

Use the command “Next CD/DVD/Medium” to select the next available medium in the DVD changer.

“Track 1” to “Track 39”

Use the commands “Track 1” to “Track 39” to select one of up to 39 title numbers of a loaded medium.

“Next track”

Use the command “Next track” to select the next track.

“Previous track” or “Repeat track”

Use the command “Previous track” or “Repeat track” to play again the track you are listening to.

“Group 1” to “Group 9”

The “Group 1” to “Group 9” commands are used to select a group on the inserted audio-DVD.

“Next group”/“Previous group”

The “Next group”/“Previous group” commands are used to select a group on the inserted audio-DVD.

“Memory card”

The “Memory card” command is used to switch from the DVD drive to the PCMCIA card.

“Drive”

The “Drive” command is used to switch from the PCMCIA card to the DVD drive.

Voice Control command list

Chapter “Command list” gives you on overview of all commands available for use to control the Voice Control System. Which commands are available for use depends on the equipment level in your vehicle.

ℹ Some functions can be operated using several different commands. In the following list, these commands are grouped in one cell. Choose your preferred command from those available.

General commands
• yes • right • ok
• cancel • stop • quit • abort • terminate
• no • no thank you
• address book
• MP3
• CD
• navigation • route guidance
• audio DVD
• radio
• sat radio • satellite radio
• telephone
• messages • SMS
• vehicle
• correction • wrong • incorrect

Voice Control command list

- help
- help please
- please help

- help functions
- help devices

- help voice control
- linguatronic help
- general help

- help permanent commands
- help global commands

- letters of the English alphabet

- digits 0 - 9

- continue
- go forward
- next page

- back
- go back
- previous page

- help radio
- help tuner
- radio help
- tuner help

- help telephone
- help phone

- help address book

- help CD
- help disc
- help CD player

- help CD changer

- help audio DVD
- help DVDA
- help DVD audio
- help DVD audio player

- help DVD audio changer

- help navigation
- help nav
- help navi
- help route guidance
- help routing
- help destination guidance

Telephone commands

- telephone (on)
- phone (on)

- telephone off

Voice Control command list

- save
- save PIN
- save PIN code
- save number
- save PIN number
- save telephone number
- save name
- save password
- store PIN
- store PIN code
- store number
- store PIN number
- store telephone number
- store name
- store password

- dial
- dial PIN
- dial number
- dial PIN number
- dial PIN code
- dial phone number
- dial telephone number
- dial password
- dial unlock code

- confirm
- confirm PIN
- confirm number
- confirm PIN number
- confirm PIN code
- confirm phone number
- confirm telephone number
- confirm password
- confirm unlock code

- repeat PIN
- repeat number
- repeat PIN number
- repeat PIN code
- repeat phone number
- repeat telephone number
- repeat password
- repeat unlock code

- enter PIN
- enter PIN code
- enter PIN number
- enter code
- enter unlock code

- list phone book
- read out phone book
- play phone book
- get phone book
- recall phone book

- redial
- redial last number
- redial last phone number

Voice Control command list

- correction
- wrong PIN
- wrong number
- wrong PIN number
- wrong PIN code
- wrong phone number
- wrong telephone number
- wrong unlock code
- incorrect PIN
- incorrect number
- incorrect PIN number
- incorrect PIN code
- incorrect phone number
- incorrect telephone number
- incorrect unlock code

- delete
- delete PIN
- delete number
- delete PIN number
- delete PIN code
- delete phone number
- delete telephone number
- delete unlock code

Navigation commands

- navigation
- nav
- navi
- route guidance
- routing
- destination guidance

- guidance instructions on
- switch guidance instruction on
- switch guidance instructions on
- switch route guidance instruction on
- switch route guidance instructions on
- switch on guidance instruction
- switch on guidance instructions
- switch on route guidance instruction
- switch on route guidance instructions

- guidance instructions off
- switch guidance instructions off
- switch route guidance instructions off
- switch off guidance instructions
- switch off route guidance instructions
- mute guidance instructions
- mute route guidance instructions

- house number
- enter house number

- map (on)
- show map
- switch on map

- zoom in
- zoom in on map

- zoom out
- zoom out on map

- zoom in completely

- zoom out completely

- enter country
- enter another country
- spell country
- spell another country
- change country
- change another country

- intersection
- spell intersection
- spell cross street
- enter intersection
- enter cross street

- last destinations

- last states
- last provinces

- spell town
- spell city
- spell name of town
- spell name of city

- enter town
- enter city
- enter name of town
- enter name of city

- district
- center
- spell district
- spell center
- enter district
- enter center

- points of interest
- enter points of interest
- enter point of interest
- enter POI
- enter POIs

- street
- spell street
- spell name of street
- enter street
- enter name of street

- enter destination
- destination entry
- destination input
- address entry
- address input

- save destination
- save address
- store destination
- store address

Voice Control command list

- start route guidance
- start navigation
- start nav
- start routing
- begin route guidance
- begin navigation
- begin route guidance
- begin routing
- continue route guidance
- continue navigation
- continue nav
- continue routing
- destination guidance on

- cancel route guidance
- cancel navigation
- cancel nav
- cancel routing
- cancel destination guidance
- exit route guidance
- exit navigation
- exit nav
- exit routing
- exit destination guidance
- terminate route guidance
- terminate navigation
- terminate nav
- terminate routing
- terminate destination guidance

- next gas station

- next Mercedes-Benz service
- next workshop
- next MB service
- next MB service point
- next MB service center
- next Mercedes service
- next Mercedes service point
- next Mercedes service center
- next Mercedes-Benz service point
- next Mercedes-Benz service center
- next service point
- next service center

- next hospital

- next parking lot

- next restaurant

Address book commands

- address book (on)
- address list (on)
- addresses (on)

- list address book
- read out address book
- get address book
- recall address book

- delete address book

- spell entry
- spell name
- spell heading

- search entry
- search name
- search heading

- open entry
- show entry
- list entry
- select entry
- get entry
- open entry
- open page
- open item
- open name
- open <voice name>

- delete name
- delete

- list destination memory
- read out destination memory
- play destination memory
- get destination memory
- recall destination memory

- <voice name>

- <voice name> car
- <voice name> car phone

- <voice name> land line
- <voice name> phone
- <voice name> telephone

- <voice name> cell phone
- <voice name> mobile phone
- <voice name> cellular phone

- call <voice name>
- call <voice name> work
- call <voice name> office
- call <voice name> business
- call <voice name> company

- <voice name> home
- call <voice name> home

- work
- office
- business
- company

- car
- car phone

Voice Control command list

- land line
- land line phone
- land line telephone

- cell phone
- mobile phone
- cellular phone

- work car (phone)
- office car (phone)
- business car (phone)
- company car (phone)
- car (phone) work
- car (phone) office
- car (phone) business
- car (phone) company

- work land line
- office phone
- land line phone business
- land line telephone company

- work cell phone
- office mobile phone
- business cellular phone
- cell phone company

- home

- home car
- home car phone
- car home
- car phone home

- home land line
- home land line phone
- land line home
- land line phone home
- home cell phone
- home mobile
- cell home
- cell phone home
- mobile home
- mobile phone home
- cellular home
- cellular phone home

- call <voice name> work car

- call <voice name> work land line

- call <voice name> work cell phone

- call <voice name> home car

- call <voice name> land line phone

- call <voice name> cell phone home

- navigate to <voice name>
- drive to <voice name>

- navigate to <voice name> work

- navigate to <voice name> home

- dial name
- dial voice name

- save name
- save voice name
- save number
- save telephone number
- store voice name
- store number
- store telephone number

- accept
- accept PIN
- accept PIN code
- accept lock code
- accept PIN number
- accept number
- accept telephone number
- accept name
- accept password
- OK
- finished

- <1> - <8>
- use <1> - <8>
- number <1> - <8>
- line <1> - <8>

Audio commands

- audio
- audio off

Radio

- radio (on)

- AM
- MW

- FM

- weatherband

- next station
- station search
- going up
- other station
- radio seek

- station <voice entry>
- go to <voice entry>
- <voice entry>

- delete station

- save station
- store station

- select station

- select channel

- list station list
- list saved stations
- read out station list
- play station list
- get station list
- recall station list

- delete station list

- previous station
- last station
- coming down
- station search coming down

Voice Control command list

Example: 95.5 FM

- ninety-five five
- ninety-five five megahertz
- ninety-five point five
- ninety-five point five megahertz
- frequency ninety-five five
- frequency ninety-five point five
- frequency ninety-five five megahertz
- frequency ninety-five point five megahertz

Example: 540 AM

- five-hundred-forty
- five-hundred-forty kilohertz
- frequency five-hundred-forty
- frequency five-hundred-forty kilohertz

Satellite radio

- sat radio
- satellite radio

CD

- CD (on)
- CD player (on)
- CD changer (on)

- next CD
- other CD
- next medium
- other medium

- previous CD
- last CD
- preceding CD
- replay CD
- replay medium
- repeat medium
- last medium
- previous medium

- next track
- other track
- previous track
- last track
- repeat track
- replay track

- track 1-39
- load track 1-39
- load track number 1-39
- select track 1-39
- select track number 1-39

- CD 1-6
- CD number 1-6
- medium 1-6
- medium number 1-6

MP3

- MP3 (on)
- MP3 player (on)
- MP3 changer (on)
- next MP3
- other MP3
- next medium
- other medium

- previous MP3
- last MP3
- preceding MP3
- replay MP3
- replay medium
- repeat medium
- last medium
- previous medium

- next directory
- other directory

- next folder
- other folder

- previous directory
- previous folder
- last directory
- last folder
- repeat directory
- repeat folder

- next track
- other track

- previous track
- last track
- repeat track
- replay track

- track 1-39
- load track 1-39
- load track number 1-39
- select track 1-39
- select track number 1-39

- MP3 1-6
- MP3 number 1-6
- medium 1-6
- medium number 1-6

- drive

- memory card

DVD

- audio DVD
- DVDA player (on)
- audio DVD player (on)
- DVD audio player (on)
- DVDA changer (on)
- audio DVD changer (on)
- DVD audio changer (on)

- next DVDA
- other DVDA

Voice Control command list

- next DVD audio
- other DVD audio
- next audio DVD
- other audio DVD
- next medium
- other medium

- previous DVDA
- last DVDA
- preceding DVDA
- replay DVDA
- previous DVD audio
- last DVD audio
- preceding DVD audio
- replay DVD audio
- previous audio DVD
- last audio DVD
- preceding audio DVD
- replay audio DVD

- replay medium
- repeat medium
- last medium
- previous medium

- next directory
- other directory
- next folder
- other folder

- previous directory
- previous folder
- last directory
- last folder
- repeat directory
- repeat folder

- next group
- other group

- previous group
- previous repeat group
- previous replay group
- last group
- last repeat group
- last replay group
- group 1-9
- select group 1-9
- group number 1-9
- select group number 1-9

- next track
- other track

- previous track
- last track
- repeat track
- replay track

- track 1-39
- load track 1-39
- load track number 1-39
- select track 1-39
- select track number 1-39

- DVDA 1-6
- DVDA number 1-6
- DVD audio 1-6
- DVD audio number 1-6
- audio DVD 1-6
- audio DVD number 1-6
- medium 1-6
- medium number 1-6

Voice Control troubleshooting

Help function

To support the user, the Voice Control System contains an extensive help function.

The help function gives you:

- general hints on how to best use the Voice Control System
- a listing of all available commands

Help commands

“Help voice control”

Using the command “Help voice control” will give you information on how to best use the Voice Control System.

“Help”

In a main menu, help can be accessed at any time by saying the command “Help”. The Voice Control System will then read out the available functions and commands of all systems.

In a submenu, help can also be accessed at any time by saying the command “Help”. The Voice Control System will then read out an option list of all available functions and commands available in the particular submenu.

You can also use the help function to access help for a specific system. To access help for the phone operation, you would speak the command “Help Telephone”.

If you wish to execute the last command read out:

▶ Press 🗣.

Help window

You can use the help window to view a selection of valid commands on the COMAND display.

The help functions can be switched on or off via COMAND in the `System settings` menu (▷ page 97).

Voice Control troubleshooting

Entering digits and spelling

Entering digits

- Digits from “Zero” to “Nine” may be used.
- Speaking phone numbers in digit blocks of 3 to 5 digits has proven a very reliable method for the input of phone numbers.

Spelling

- The letters of the English alphabet and the digits 0 - 9 may be used.
- Speak the letters in blocks of 5 - 7 letters at a time.
- Speak each individual letter clearly.

What to do if ...

Problem	Possible cause/consequence	Suggested solution
Voice Control System does not recognize a station list entry.	The voice entries for the station names sound too similar.	▶ When you create your address book entries, select names with the greatest possible acoustic differences. ▶ Speak the command “List station list”. The system reads out the station list entry by entry. ▶ Press 🗣 when the desired station name is being read out. The station is selected (▷ page 274).

Voice Control troubleshooting

Problem	Possible cause/consequence	Suggested solution
Should interference occur during the process of storing a name, the Voice Control System prompts you to repeat your voice entry a third and fourth time. If the interference continues, the dialog is stopped.	Both voice entries differ.	▶ Pronounce the voice entries both times in the same manner.
Voice Control System does not recognize commands.	You have not operated the system from the driver's seat.	▶ Operate the Voice Control System only by the driver as the microphone is geared to the driver side.
	You have spoken unclearly, too loudly or too quietly.	▶ Speak the commands in a continuous manner using a normal tone.
	A blower is set to the highest setting, vents are pointed at microphones or wind noise is being created through open windows.	▶ Avoid loud disturbances.

▷▷

Voice Control troubleshooting

Problem	Possible cause/consequence	Suggested solution
Voice Control System does not recognize a address book entry.	The voice entries in the address book sound too similar.	▶ When you create your address book entries, select names with the greatest possible acoustic differences: If for example you have the names Smith and Schmidt, choose for example “Smith work” or “Schmidt John”.
		▶ Speak the command “List phone book”. The system reads out the address book entry by entry. ▶ Press 🗣 when the desired entry is being read out. The entry is selected and the corresponding number is dialed (▷ page 269).

Voice Control individualization

ℹ The individualization can only be performed when the vehicle is stationary.

If you drive off, the individualization will be canceled.

After starting the session, the system will guide you through the individualization by means of acoustic instructions.

The individualization is used to adapt the Voice Control System to your own voice and to therefore improve speech recognition. This does not affect the speech recognition of other users.

Individualization consists of two stages:

- Digits
- Commands

You can activate individualization in the COMAND system settings (▷ page 97). A dialog and screen displays will guide you through the individualization process.

The system can be reset to the factory settings at any time.

ℹ You may wish to complete only a portion of the individualization process.

Completing the digits portion alone may result in an improved recognition rate.

Individualization can be exited at any time. The data trained, however, will only be retained if a given individualization portion is completed and the data is stored when prompted to do so by the system.

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Locking and unlocking

Vehicle equipment

ℹ This Operator's Manual describes all features, standard or optional, potentially available for your vehicle at the time of purchase. Please be aware that your vehicle might not be equipped with all features described in this manual.

Locking and unlocking

Notes

⚠ **Observe Safety notes, see page 62.**

Your vehicle may be equipped with an acoustic lock and unlock confirmation signal feature. If your vehicle is equipped with this feature and the feature is activated, an acoustic signal will sound when the vehicle is locked or unlocked using the SmartKey.

To determine whether or not your vehicle is equipped with this feature, contact an authorized Mercedes-Benz Center. If equipped and you wish to activate or deactivate the feature, or adjust its signal volume, also contact an authorized Mercedes-Benz Center.

When unlocking the vehicle, all turn signal lamps flash once, an acoustic signal sounds once (if equipped and feature activated), the locking knobs in the doors move up, and the anti-theft alarm system is disarmed.

When locking the vehicle, all turn signal lamps flash three times, an acoustic signal sounds three times (if equipped and feature activated), the locking knobs in the doors move down, and the anti-theft alarm system is armed.

All doors and the trunk must be closed.

! If you cannot lock or unlock the vehicle with the SmartKey, the batteries in the SmartKey are discharged, the SmartKey is malfunctioning, or the vehicle battery is drained.

- Check the batteries in the SmartKey and replace them if necessary.
- Use the mechanical key to unlock the driver's door and the trunk.
- Use the mechanical key to lock the vehicle.
- Have the vehicle battery and the vehicle battery connections checked at an authorized Mercedes-Benz Center.

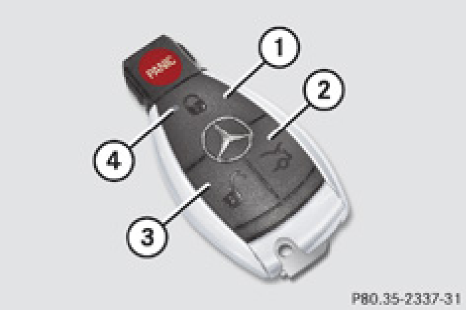
If the SmartKey is malfunctioning, contact Roadside Assistance or an authorized Mercedes-Benz Center.

SmartKey

Your vehicle comes supplied with two SmartKeys, each with remote control and a removable mechanical key.

The SmartKey centrally locks and unlocks:

- the doors
- the trunk lid
- the fuel filler flap



①	🔒	Lock button
②		Unlock button for trunk lid
③	🔓	Unlock button
④		Battery check lamp

ℹ USA only:

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference, and
2. this device must accept any interference received, including interference that may cause undesired operation.

Any unauthorized modification to this device could void the user's authority to operate the equipment.

ℹ Canada only:

This device complies with RSS-210 of Industry Canada. Operation is subject to the following two conditions:

1. This device may not cause interference, and
2. this device must accept any interference received, including interference that may cause undesired operation of the device.

Any unauthorized modification to this device could void the user's authority to operate the equipment.

Factory setting

- ▶ **Global unlocking:** Press button 🔓. The vehicle will lock again automatically and rearm the anti-theft alarm system within approximately 40 seconds of unlocking if neither door nor trunk is opened.
- ▶ **Global locking:** Press button 🔒.

Selective setting

If you frequently travel alone, you may wish to reprogramm the SmartKey so that pressing button 🔓 only unlocks the driver's door and the fuel filler flap.

- ▶ **Switching on/off:** Press and hold buttons 🔓 and 🔒 simultaneously for approximately 6 seconds until battery check lamp ④ (▷ page 297) flashes twice.

The SmartKey will then function as follows:

- ▶ **Unlocking driver's door and fuel filler flap:** Press button 🔓 once.
- ▶ **Global unlocking:** Press button 🔓 twice.
- ▶ **Global locking:** Press button 🔒.

KEYLESS-GO

Vehicles equipped with KEYLESS-GO come with two SmartKeys with KEYLESS-GO, each with remote control and a removable mechanical key.

The KEYLESS-GO function is integrated into the SmartKey. The validity of the SmartKey is checked every time you grasp an outside door handle.

When the SmartKey is valid, your vehicle unlocks

- the doors
- the fuel filler flap
- the trunk lid

ℹ USA only:
This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference, and
2. this device must accept any interference received, including interference that may cause undesired operation.

Any unauthorized modification to this device could void the user’s authority to operate the equipment.

ℹ Canada only:
This device complies with RSS-210 of Industry Canada. Operation is subject to the following two conditions:

1. This device may not cause interference, and
2. this device must accept any interference received, including interference that may cause undesired operation of the device.

Any unauthorized modification to this device could void the user’s authority to operate the equipment.

Important notes on using KEYLESS-GO

- You can also use the SmartKey with KEYLESS-GO like a normal SmartKey (▷ page 297).
- You can combine KEYLESS-GO functions with normal SmartKey functions (e.g. unlocking with KEYLESS-GO and locking with button 🔒).
- Always carry the SmartKey with you.
- Never store the SmartKey together with:
  - Electronic items such as a mobile phone or another SmartKey
  - Metallic objects such as coins or metal foil

  Doing so could impair the function of the KEYLESS-GO system.
- To lock or unlock the vehicle, the SmartKey must be located outside the vehicle within approximately 3 ft (1 m) of a door or the trunk.
- If the vehicle has been parked for more than 72 hours, you must pull an outside door handle in order to activate the KEYLESS-GO function.
- If the SmartKey is positioned farther away from the vehicle, the system may no longer recognize the SmartKey. The vehicle cannot be locked or the engine started via the KEYLESS-GO system.
- If the SmartKey is removed from the vehicle (e.g. if a passenger exits the vehicle with the SmartKey)
  - when pressing the KEYLESS-GO start/ stop button or trying to lock the vehicle with the outside door handle the

message `Key Not Detected` appears in the multifunction display

- with the engine running, the message `Key Not Detected` appears in the multifunction display while driving off

Find the SmartKey or change its present location immediately (e.g. place it on the front passenger seat or insert it in shirt pocket).

- If you have started the engine with the KEYLESS-GO start/stop button, you can turn it off again by
  - pressing the KEYLESS-GO start/stop button
  - inserting the SmartKey into the starter switch when the vehicle is at a standstill and the automatic transmission is in park position **P**
- The vehicle could be inadvertently unlocked if the SmartKey is within 3 ft (1 m) of the vehicle and
  - an outside door handle is splashed with water

  or

  - you attempt to clean an outside door handle
- Remember that the engine can be started by anyone with a SmartKey that is left inside the vehicle.

  Possibility 1 (One SmartKey in the vehicle, one SmartKey outside the vehicle):

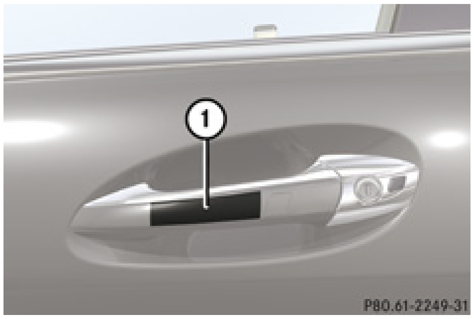
  If you leave the SmartKey behind when exiting and locking the vehicle, no message appears in the multifunction display.

  Possibility 2 (One SmartKey in the vehicle, no SmartKey outside the vehicle):

  When exiting and trying to lock the vehicle, the message `Key Detected In Vehicle` appears in the multifunction display. The vehicle will not be locked.

Factory setting

▶ **Global unlocking:** Pull an outside door handle.
The vehicle will lock again automatically and rearm the anti-theft alarm system within approximately 40 seconds if neither door nor trunk is opened.



① Outside door handle

▶ **Global locking:** Touch outside of door handle ①.

Selective setting

If you frequently travel alone, you may wish to reprogram the SmartKey so when you pull the driver's outside door handle, only the driver's door and the fuel filler flap unlock.

▶ **Switching on/off:** Press and hold buttons 🔓 and 🔒 simultaneously for approximately 6 seconds until battery check lamp ④ (▷ page 297) flashes twice.

The SmartKey will then function as follows:

▷▷

- **Unlocking driver's door and fuel filler flap:** Pull the driver's outside door handle.
- **Global unlocking:** Pull any outside door handle other than the driver's outside door handle.
- **Global locking:** Touch outside of door handle ①.

Checking SmartKey batteries

- Press button 🔒 or 🔓 on the SmartKey.
  Battery check lamp ④ (▷ page 297) comes on briefly to indicate that the SmartKey batteries are in order.

If the battery check lamp does not come on briefly during check, the SmartKey batteries are discharged.

- Replace the batteries (▷ page 564).

ℹ You can obtain the required batteries at any authorized Mercedes-Benz Center.

ℹ If the batteries are checked within signal range of the vehicle, pressing button 🔒 or 🔓 will lock or unlock the vehicle accordingly.

Loss of the SmartKey

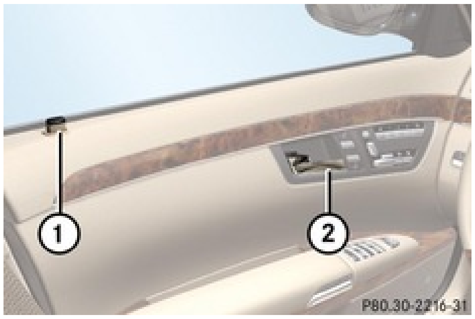
If you lose your SmartKey or mechanical key, you should do the following:

- Have the SmartKey deactivated by an authorized Mercedes-Benz Center.
- Report the loss of the SmartKey or the mechanical key to your car insurance company immediately.
- Have the mechanical lock replaced if necessary.

Any authorized Mercedes-Benz Center will be glad to supply you with a replacement.

Opening the doors from the inside

You can open a locked door from the inside. Open door only when conditions are safe to do so.



Example illustration driver's door

① Locking knob

② Inside door handle

If the vehicle has previously been locked with the SmartKey or with KEYLESS-GO, opening a door from the inside will trigger the anti-theft alarm system.

To cancel the alarm, see (▷ page 80).

- ▶ **Front doors:** Pull on inside door handle ② on the respective front door to open door.
  If the door was locked, locking knob ① will move up.
- ▶ **Rear doors:** Pull up locking knob on the respective rear door to unlock door.
- ▶ Pull on inside door handle on the respective rear door to open door.

Automatic central locking

The doors and the trunk lock automatically when the vehicle is set into motion.

You can open a locked door from the inside. Open door only when conditions are safe to do so.

The doors are designed to unlock automatically after an accident if the force of the impact exceeds a preset threshold.

The vehicle locks automatically when the ignition is switched on and the wheels are turning at vehicle speeds of approximately 9 mph (15 km/h) or more. You could therefore lock yourself out when the vehicle is pushed or towed or is on a test stand.

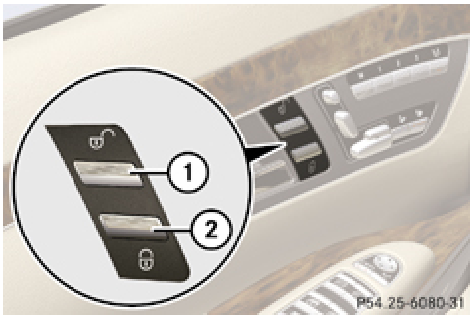
You can deactivate the automatic central locking using the COMAND system (▷ page 222).

Locking and unlocking from the inside

⚠ **Observe Safety notes, see page 62.**

You can lock or unlock the vehicle from inside using the central locking switches. This can be useful, for example, if you want to lock the vehicle before starting to drive.

The central locking switches do not lock or unlock the fuel filler flap or the interior storage compartments, such as the glove box.



① Central unlocking switch
② Central locking switch

- ▶ **Locking:** Press central locking switch ②.
  If the front passenger door is closed, the vehicle locks.
- ▶ **Unlocking:** Press central unlocking switch ①.

You can open a locked door from inside at any time. Open door only when conditions are safe to do so.

If the vehicle was previously locked with the central locking switch:

- and the SmartKey is set to factory settings, the complete vehicle is unlocked when a door is opened from the inside
- and the SmartKey is set to selective settings, only the door opened from inside is unlocked

If the vehicle was previously locked centrally with the SmartKey or with KEYLESS-GO, it will not unlock using the central unlocking switch.

Opening the trunk

⚠ **Warning!**

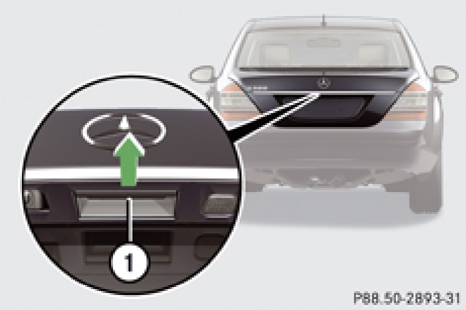
Make sure the trunk is closed when the engine is running and while driving. Among other dangers, deadly carbon monoxide (CO) gases may enter vehicle interior resulting in unconsciousness and death.

You can open the trunk when the vehicle is stationary.

A minimum height clearance of 5.90 ft (1.80 m) is required to open the trunk lid.

! The trunk lid swings open upwards automatically. Always make sure there is sufficient overhead clearance.

Opening the trunk from the outside



① Handle

- Press and hold button on the SmartKey until the trunk unlocks and begins to open.

or

- Pull on handle ①.

  In vehicles without KEYLESS-GO: The vehicle must be unlocked.

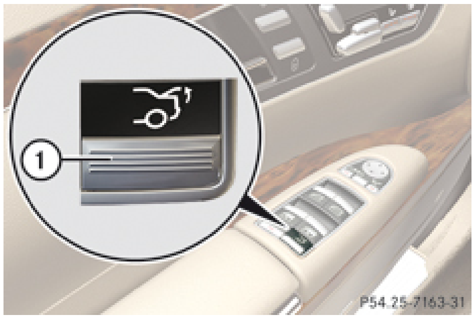
If the trunk does not open, it is still locked separately (▷ page 306).

Vehicles with trunk opening/closing system:

- **Stopping the opening procedure:** Press button on the SmartKey.

Opening the trunk from the inside

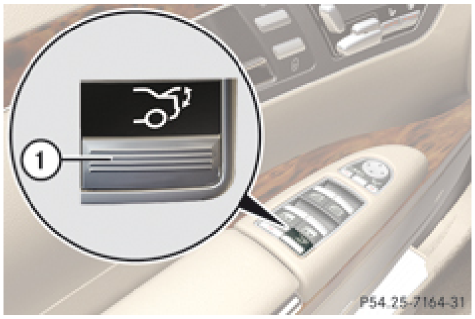
Vehicles without trunk opening/closing system



① Remote trunk opening switch

- Press and hold switch ① until the trunk begins to open.

Vehicles with trunk opening/closing system



① Remote trunk opening/closing switch

- ▶ Press and hold switch ① until the trunk begins to open.
- ▶ **To interrupt the opening procedure:** Press switch ①.

Trunk opening-height restriction

Vehicles with trunk opening/closing system:

The trunk lid opening height can be limited when transporting goods on a roof rack (e.g. presence of an optional MB sport luggage container). When activated, the trunk opens to approximately the height of the roof edge.

- ▶ **Activating:** Use the COMAND system (▷ page 226).

Closing the trunk

⚠ Warning!

Make sure the trunk is closed when the engine is running and while driving. Among other dangers, deadly carbon monoxide (CO) gases may enter vehicle interior resulting in unconsciousness and death.

⚠ Warning!

To prevent possible personal injury, always keep hands and fingers away from the trunk opening when closing the trunk lid. Be especially careful when small children are around.

⚠ Observe Safety notes, see page 62.

Do not leave the SmartKey in the open trunk. You may lock yourself out.

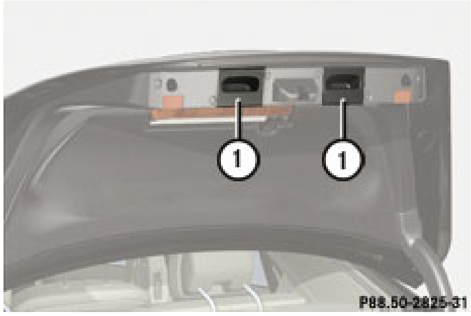
If the vehicle was previously centrally locked with the SmartKey or KEYLESS-GO, the trunk lid will lock automatically when closed. All turn signal lamps flash three times to confirm locking.

Vehicles with KEYLESS-GO:

To prevent a possible inadvertent lockout, the trunk lid will open automatically if a SmartKey with KEYLESS-GO is recognized inside the vehicle or in the trunk.

The vehicle is only locked when the turn signal lamps flash three times. If you are carrying a second SmartKey with KEYLESS-GO with you, you can still lock the vehicle.

Closing the trunk from the outside manually



① Handles

- ▶ Lower trunk lid by pulling firmly on handles ①.
- ▶ Close trunk with hands placed flat on trunk lid.

The power closing assist automatically ensures that the trunk lid is pulled completely close (▷ page 307).

Closing the trunk from the inside automatically

⚠ Warning!

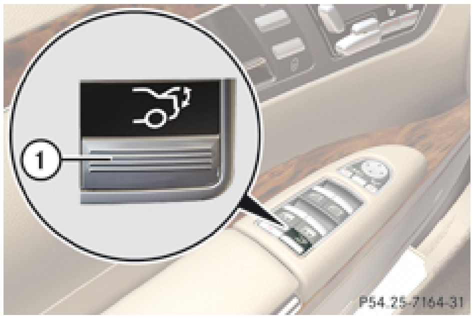
Maintain sight of the area around the rear of the vehicle while operating the trunk lid with the door mounted switch. Monitor the closing procedure carefully to make sure no one is in danger of being injured.

To interrupt the closing procedure, release the door mounted remote trunk opening/closing switch again.

Even with the SmartKey removed from the starter switch or the SmartKey with KEYLESS-GO removed from the vehicle, the remote trunk opening/closing switch can be operated. Therefore, do not leave children unattended in the vehicle, or with access to an unlocked vehicle. A child's unsupervised access to a vehicle could result in an accident and/or serious personal injury.

In vehicles with trunk opening/closing system you can close the trunk from the inside using the remote trunk opening/closing switch.

If the trunk lid comes into contact with an object while closing (e.g. luggage that has been piled too high) in the upper motion sequence, the closing procedure is stopped and the trunk reopens slightly.



① Remote trunk opening/closing switch

- ▶ Press and hold switch ① until the trunk is closed.

To interrupt the closing procedure:

- ▶ Release switch ①.

Closing the trunk from the outside automatically

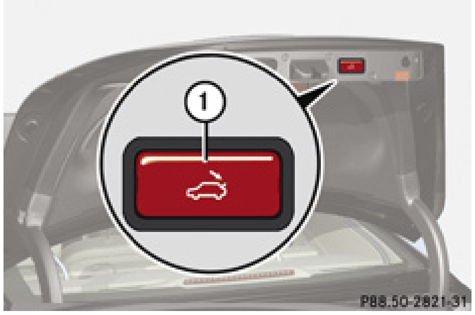
⚠ Warning!

Monitor the closing procedure carefully to make sure no one is in danger of being injured. To prevent possible personal injury, always keep hands and fingers away from the trunk opening when closing the trunk lid. Be especially careful when small children are around. To stop the closing procedure, do one of the following:

- Press button on the SmartKey.
- Press the remote trunk opening/closing switch (on the driver's door).
- Press the trunk closing switch.
- Press the KEYLESS-GO locking/closing switch.
- Pull the trunk lid handle.

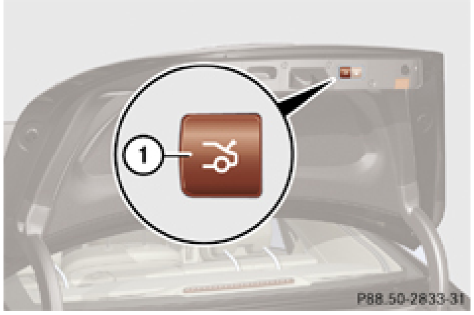
Even with the SmartKey removed from the starter switch or the SmartKey with KEYLESS-GO removed from the vehicle, the remote trunk opening/closing switch can be operated. Therefore, do not leave children unattended in the vehicle, or with access to an unlocked vehicle. A child's unsupervised access to a vehicle could result in an accident and/or serious personal injury.

In vehicles with trunk opening/closing system you can close the trunk separately from the outside using the trunk closing switch.



Vehicles without KEYLESS-GO

① Trunk closing switch



Vehicles with KEYLESS-GO

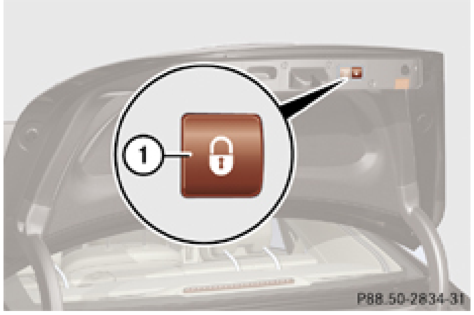
① Trunk closing switch

▶ Press switch ① briefly.

If the trunk lid comes into contact with an object while closing (e.g. luggage that has been piled too high) in the upper motion sequence, the closing procedure is stopped and the trunk lid reopens slightly.

Closing the trunk and locking vehicle from outside

In vehicles with trunk opening/closing system and KEYLESS-GO, you can close the trunk and lock the vehicle simultaneously from the outside using the KEYLESS-GO locking/closing switch.



① KEYLESS-GO locking/closing switch

▶ Make sure you have the SmartKey with KEYLESS-GO with you.

▶ Press switch ① briefly.
With all doors closed:
- The locking knobs in the doors move down.
- The trunk lid starts to close automatically.
- All turn signal lamps flash three times to confirm locking once the trunk has closed completely.
- An acoustic signal sounds three times (if equipped and feature activated).
- The anti-theft alarm system is armed.

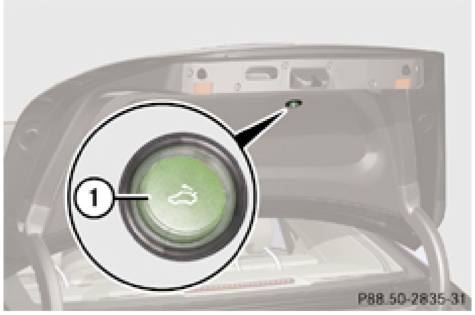
If the trunk lid comes into contact with an object while closing (e.g. luggage that has

▷▷

been piled too high) in the upper motion sequence, the closing procedure is stopped and the trunk lid reopens slightly.

Trunk lid emergency release

With the emergency release button, the trunk lid can be opened from inside the trunk.



① Emergency release button

- ▶ Briefly press emergency release button ①.
  The trunk lid unlocks and opens.

The emergency release button unlocks and opens the trunk while the vehicle is standing still or in motion.

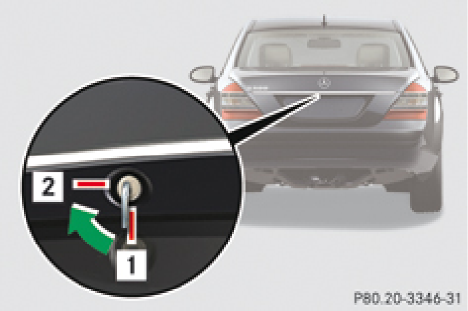
Illumination of the emergency release button:

- The button flashes for 30 minutes after opening the trunk.
- The button flashes for 60 minutes after closing the trunk.

The emergency release button does not open the trunk, if the vehicle battery is discharged or disconnected.

Valet locking

To deny any unauthorized person access to the trunk, e.g. when you valet park the vehicle, lock it separately with the mechanical key. Leave only the SmartKey less its mechanical key with the vehicle.



1 Neutral position
2 Locked

- ▶ **Valet locking:** Close the trunk.
- ▶ Remove the mechanical key from the SmartKey (▷ page 561).
- ▶ Insert the mechanical key in the trunk lid lock.
- ▶ Turn the mechanical key clockwise to position 2 and remove the mechanical key in that position to lock the trunk.

The trunk remains locked even when the vehicle is centrally unlocked.

You can only cancel the separate trunk locking mode by means of the mechanical key.

- **Canceling:** Insert the mechanical key in the trunk lid lock.
- Turn the mechanical key counterclockwise to neutral position 1 and remove the mechanical key in that position to unlock the trunk.
  You can now open the trunk.

Power closing assist for doors and trunk lid

It is not necessary to slam the door or trunk lid closed. An electrical power-assisted mechanism draws doors and trunk lid closed quietly and automatically once door and trunk lid has been latched. When the electrical power-assisted mechanism has stopped, doors and/or trunk can be reopend.

⚠ Warning!

To prevent possible personal injury, always keep hands and fingers away from the door or trunk opening when closing a door or the trunk lid. Be especially careful when small children are around.

In case of danger, pull the inside or outside door handle, or pull the trunk lid handle.

To prevent personal injury, never actuate the closing assist mechanism by tampering with the door or trunk lid latch.

⚠ Warning!

Only drive with the doors closed. Otherwise, one or more of the doors could open while the vehicle is in motion, putting you and/or others at risk.

⚠ Warning!

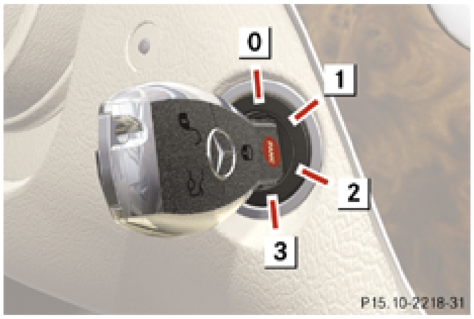
Make sure the trunk is closed when the engine is running and while driving. Among other dangers, deadly carbon monoxide (CO) gases may enter vehicle interior resulting in unconsciousness and death.

- **Power closing assist for doors:** Press the doors gently past the initial engage position into the lock.
- **Power closing assist for trunk lid:** Press the trunk lid gently into its lock.

Starter switch positions

SmartKey

⚠ Observe Safety notes, see page 62.



Starter switch

0 For removing SmartKey
1 Power supply for some electrical consumers, e.g. radio
2 Ignition (power supply for all electrical consumers) and driving position
3 Starting position

When you switch on the ignition, all lamps (except high-beam headlamp indicator lamp, and turn signal indicator lamps unless activated) in the instrument cluster come on. If a lamp in the instrument cluster fails to come on when the ignition is switched on,

▷▷

Starter switch positions

have it checked and replaced if necessary. If a lamp in the instrument cluster remains on after starting the engine or comes on while driving, refer to “Lamps in instrument cluster” (▷ page 548).

! If the SmartKey cannot be turned in the starter switch, the vehicle battery may not be sufficiently charged.

- Check the vehicle battery and charge it if necessary.
- Get a jump start.

To prevent accelerated vehicle battery discharge or a completely discharged vehicle battery, always remove the SmartKey from the starter switch when the engine is not in operation.

KEYLESS-GO

⚠ **Observe Safety notes, see page 62.**

Vehicles equipped with the KEYLESS-GO feature are supplied with a SmartKey with integrated KEYLESS-GO function and a removable KEYLESS-GO start/stop button.

With the KEYLESS-GO start/stop button inserted in the starter switch and the SmartKey present in the vehicle, pressing the KEYLESS-GO start/stop button

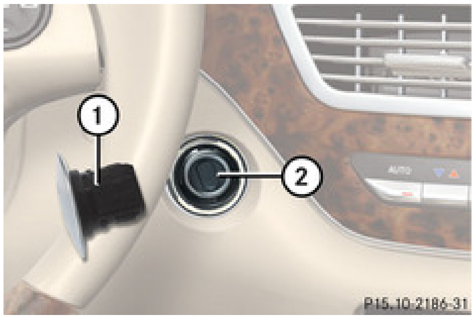
- without the brake pedal depressed corresponds to the various starter switch positions (▷ page 307)
- with the brake pedal firmly depressed will start the engine (▷ page 338)

If you wish or should there be the need to insert the SmartKey in the starter switch, the KEYLESS-GO start/stop button can be easily removed by pulling it out of the starter switch.

ℹ The KEYLESS-GO start/stop button does not need to be removed from the starter switch when you leave the vehicle. However, always take the SmartKey with you when you leave the vehicle. As long as the SmartKey is in the vehicle, the vehicle’s electrical systems can be switched on or the engine can be started using the KEYLESS-GO start/stop button.

The function of the SmartKey overrules the KEYLESS-GO function.

The SmartKey must be located in the vehicle.

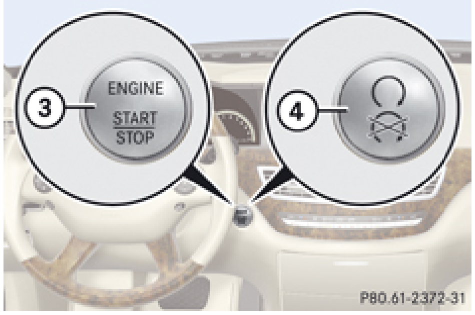


① KEYLESS-GO start/stop button
② Starter switch

▶ Insert KEYLESS-GO start/stop button ① into starter switch ② (if not inserted already).

ℹ When you switch from SmartKey mode back to KEYLESS-GO mode, the system requires 2 seconds of detection time before you can use the KEYLESS-GO button as usual.

- ▶ Make sure the automatic transmission is in park position **P**.
- ▶ Do not depress the brake pedal.



KEYLESS-GO start/stop button

③ USA only

④ Canada only

Position 0

Before you press the KEYLESS-GO start/stop button, the vehicle's on-board electronics have status **0** (as with SmartKey removed).

Position 1

▶ Press the KEYLESS-GO start/stop button once.
This supplies power for some electrical consumers, such as radio functions.

ℹ If you now press the KEYLESS-GO start/stop button

- once more, the ignition (position **2**) is switched on
- twice more the power supply is again switched off

Ignition (or position 2)

▶ Press the KEYLESS-GO start/stop button twice.
This supplies power for all electrical consumers.

All lamps (except high-beam headlamp indicator lamp and turn signal indicator lamps unless activated) in the instrument cluster come on. If a lamp in the instrument cluster fails to come on when the ignition is switched on, have it checked and replaced if necessary. If a lamp in the instrument cluster remains on after starting the engine or comes on while driving, refer to "Lamps in instrument cluster" (▷ page 548).

ℹ If you now press the KEYLESS-GO start/stop button once, the power supply is again switched off.

Seats

Safety notes

⚠ **Warning!**

In order to avoid possible loss of vehicle control, all seat, head restraint, steering wheel, and rear view mirror adjustments, as well as fastening of seat belts, must be done before the vehicle is put into motion.

⚠ **Warning!**

Do not adjust the driver's seat while driving. Adjusting the seat while driving could cause the driver to lose control of the vehicle.

Never ride in a moving vehicle with the seat backrest in an excessively reclined position as this can be dangerous. You could slide under the seat belt in a collision. If you slide under it, the seat belt would apply force at the abdomen or neck. That could cause serious or fatal injuries. The seat backrest and seat belts provide the best restraint when the wearer is in a position that is as upright as possible and seat belts are properly positioned on the body.

Seats

⚠ **Warning!**

Your seat must be adjusted so that you can correctly fasten your seat belt.

Observe the following points:

- Adjust the seat backrest until your arms are slightly angled when holding the steering wheel.
- Adjust the seat to a comfortable seating position that still allows you to reach the accelerator/brake pedal safely. The position should be as far back as possible with the driver still able to operate the controls properly.
- Adjust the head restraint so that it is as close to the head as possible and the center of the head restraint supports the back of the head at eye level.
- Never place hands under the seat or near any moving parts while a seat is being adjusted.

Failure to do so could result in an accident and/or serious personal injury.

⚠ **Warning!**

The power seats can be operated at any time. Therefore, do not leave children unattended in the vehicle, or with access to an unlocked vehicle. A child's unsupervised access to a vehicle could result in an accident and/or serious personal injury.

⚠ **Warning!**

According to accident statistics, children are safer when properly restrained in the rear seating positions than in the front seating position. Thus, we strongly recommend that children be placed in the rear seats whenever possible. Regardless of seating position, children 12 years old and under must be seated and properly secured in an appropriately sized infant restraint, toddler restraint, or booster seat recommended for the size and weight of the child. For additional information, see "Children in the vehicle".

A child's risk of serious or fatal injuries is significantly increased if the child restraints are not properly secured in the vehicle and/or the child is not properly secured in the child restraint.

⚠ **Warning!**

For your protection, drive only with properly positioned head restraints.

Adjust the head restraint so that it is as close to the head as possible and the center of the head restraint supports the back of the head at eye level. This will reduce the potential for injury to the head and neck in the event of an accident or similar situation.

Do not drive the vehicle without the seat head restraints. Head restraints are intended to help reduce injuries during an accident.

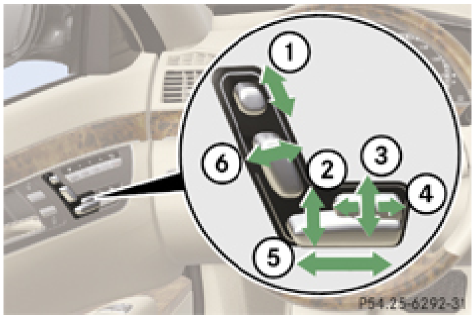
Seat adjustment

You can adjust the lumbar support, multicontour seats for driver and front passenger, as well as drive-dynamic multicontour seats using COMAND (▷ page 233).

! When moving the seats, make sure there are no items in the footwell or behind the seats. Otherwise, you could damage the seats.

Power seats

Front power seats



① Head restraint height
② Seat height
③ Seat cushion tilt
④ Seat cushion depth
⑤ Seat fore and aft adjustment
⑥ Seat backrest tilt

ℹ If PRE-SAFE® has been activated, the front passenger's seat and/or electrically adjustable rear seats will be moved to a more favorable seat position.

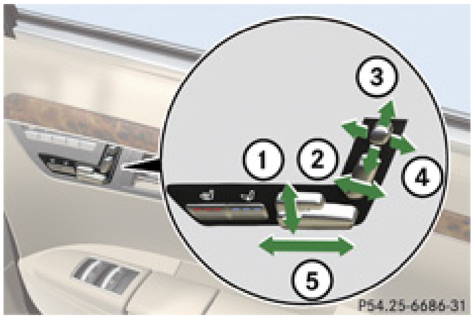
ℹ The memory function (▷ page 323) lets you store the settings for the seat position together with the settings for the steering wheel and the exterior rear view mirrors.

- **Seat height:** Press the switch up or down in direction of arrow ②.
- **Seat cushion tilt:** Press the switch up or down in direction of arrow ③ until your upper legs are lightly supported.
- **Seat cushion depth:** Press the switch forward or backward in direction of arrow ④ until your legs are supported comfortably.
- **Seat fore and aft:** Press the switch forward or backward in direction of arrow ⑤.

ℹ When moving the seat fore or aft, the head restraints may readjust automatically.

- **Seat backrest tilt:** Press the switch forward or backward in direction of arrow ⑥.
- **Head restraint height:** Press the switch up or down in direction of arrow ①.

Rear power seats (rear outer seats)



① Seat cushion tilt
② Seat backrest tilt
③ Folding down and placing upright head restraint (▷ page 316)
④ Head restraint tilt
⑤ Seat fore and aft adjustment

- Adjust desired seat using seat switches ①, ② and ⑤.

Adjusting front passenger seat from driver's seat/rear

⚠ Warning!

When adjusting the front passenger seat, make sure the seat, if occupied, is as far

▷▷

from the front passenger front air bag as possible.

Otherwise, the passenger could be seriously or even fatally injured in the event of an accident or braking maneuver.

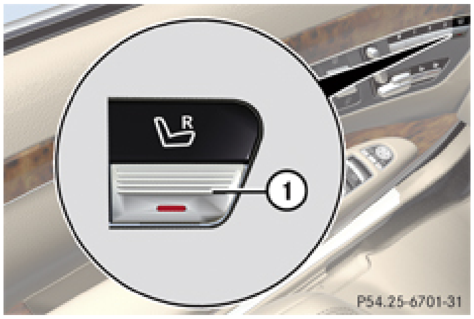
Make sure no one is caught or injured while the seat is being adjusted.

Even with the SmartKey or SmartKey with KEYLESS-GO removed from the starter switch or the SmartKey with KEYLESS-GO removed from the vehicle, the power seats can be operated. Therefore, do not leave children unattended in the vehicle, or with access to an unlocked vehicle. A child's unsupervised access to a vehicle could result in an accident and/or serious personal injury.

! Do not move the front passenger seat completely forward if objects are stored in the parcel net in the front passenger-side footwell. Items in the net may be damaged.

Adjusting front passenger seat from driver's seat

You can adjust the front passenger seat using the seat switches on the driver's side.



① Selector button for front passenger seat

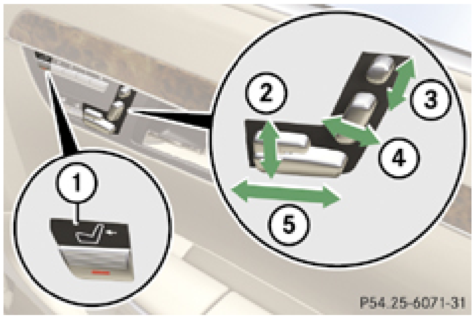
▶ Press button ①.

When the indicator lamp in button ① is on, you can operate the following features of the front passenger seat:

- seat adjustment
- seat heating/ventilation
- memory function

Setting front passenger seat position from rear

The button is located on the right rear passenger door.



① Selector button for front or rear passenger seat
② Seat height
③ Head restraint height
④ Backrest tilt
⑤ Seat fore and aft

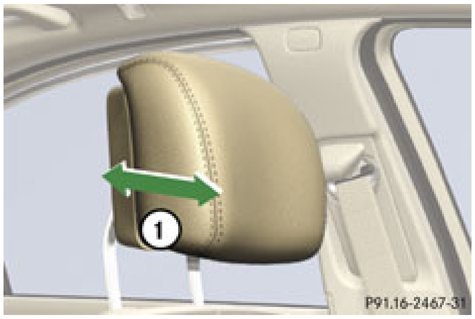
▶ Press ① to adjust the front passenger seat.
The indicator lamp in button ① comes on.

▶ Adjust front passenger seat using seat switches ②, ③, ④ and ⑤.

▶ To adjust right rear passenger seat, press button ① again.
The indicator lamp in button ① goes out.

ℹ Adjusting the passenger seat position from the rear is not possible if you have deactivated the functions in the rear passenger compartment with the override switch (▷ page 67).

Head restraint fore and aft adjustment



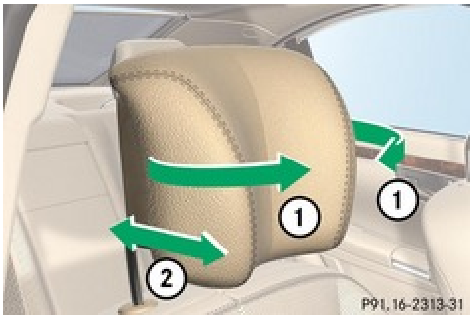
① Adjusting head restraint

- ▶ Adjust the head restraint to the desired position by pushing or pulling on the upper edge of the head restraint cushion.

Comfort head restraint

⚠ **Warning!**

When folding back the side cushions, never reach between the side cushion and the mounting post. You could otherwise be trapped.



① Side cushions
② Fore and aft adjustment

You can individually adjust the side cushions of the head restraints.

- ▶ **Adjusting side cushions:** Pull or push side cushions ① into desired position.
- ▶ **Adjusting forward or backward:** Pull or push head restraint in direction of arrow ②.

Easy-entry/exit feature

This feature allows for easier entry into and exit from the vehicle. When entering and exiting the vehicle, the driver's seat is in its maximum rearward position and the steering wheel is in its uppermost position.

The easy-entry/exit feature can be activated or deactivated in the `Vehicle` menu of the COMAND system (▷ page 223).

⚠ **Warning!**

You must make sure no one can become trapped or injured by the moving steering wheel and driver's seat when the easy-entry/exit feature is activated.

To stop seat/steering wheel movement, do one of the following:

- Press seat adjustment switch
- Move steering wheel adjustment stalk
- Press one of the memory position buttons or the memory button **M**

Do not leave children unattended in the vehicle, or with access to an unlocked vehicle. Children could open the driver's door and unintentionally activate the easy-entry/exit feature, which could result in an accident and/or serious personal injury.

! Do not activate the easy-entry/exit feature if the seat backrest is in an excessively reclined position. Doing so could cause damage to front or rear seats.

First move the seat backrest to an upright position.

With the easy-entry/exit feature activated, the steering wheel and driver's seat will return to their last set memory position or a factory-set maximum forward position when you:

- close the driver's door with the ignition switched on
- insert the SmartKey into the starter switch or press the KEYLESS-GO start/stop button once with the driver's door closed

ℹ For safety reasons, the driver's seat will not return to its last set position with the easy-entry/ exit feature activated if the system recognizes the last set position as an extreme forward position. Instead, the driver's seat will remain at or move to a factory-set maximum forward position. To again fully return the driver's seat to your last set position or to memory position, adjust the seat to the desired position or press and hold the respective memory position button (▷ page 323).

ℹ The last set driver's seat and steering wheel positions are stored when the ignition is switched off and the position is stored in memory.

With the easy-entry/exit feature activated the steering wheel tilts upwards and the driver's seat moves a few inches to the rear when you:

- remove the SmartKey from the starter switch,

  or

- open the driver's door with the SmartKey in starter switch position **0** or **1** or the KEYLESS-GO start/stop button in position **1**

ℹ If the current position for the steering wheel is in the uppermost tilt position, the steering wheel will no longer be able to move upward when the easy-entry/exit feature is activated.

If the current seat position falls into a factory-set position range and the system recognizes the current seat position to be rearward enough for easy entry and exit, the driver's seat will not move to the rear when the easy-entry/ exit feature is activated.

The adjustment procedure is briefly interrupted when the engine is started.

⚠ **Warning!**

Let the system complete the adjustment procedure before setting the vehicle in motion. All driver's seat and steering wheel adjustments must be completed before setting the vehicle in motion. Driving off with the driver's seat/steering wheel still adjusting could cause the driver to lose control of the vehicle.

Rear seat head restraints

⚠ **Warning!**

For safety reasons, always drive with the rear head restraints in the upright position when the rear seats are occupied.

Keep the area around head restraints clear of articles (e.g. clothing) to not obstruct the folding operation of the head restraints.

⚠ **Warning!**

For your protection, drive only with properly positioned head restraints.

Adjust the head restraint in such a way that it is as close to the head as possible and the center of the head restraint supports the back of the head at eye level. This will reduce the potential for injury to the head and neck in the event of an accident or similar situation.

With a rear seat occupied, make sure to move the respective head restraint up from the lowest non-use position and have the occupant adjust the head restraint properly.

Do not drive the vehicle without the seat head restraints installed when the rear seats are occupied. Head restraints are intended to help reduce injuries during an accident.

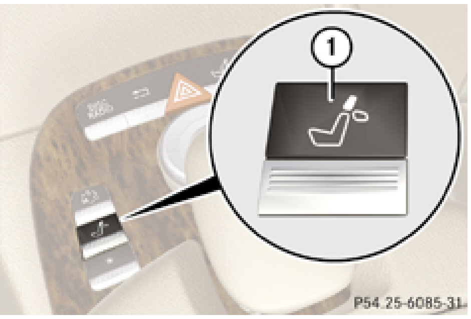
⚠ **Warning!**

Make sure the rear seat head restraints engage when placing them upright manually. Otherwise their protective function cannot be ensured.

The back of the head will not be supported in the event of a collision. That could cause serious or even fatal injuries. Rear seat occupants can be seriously injured or killed.

Folding rear seat head restraints back

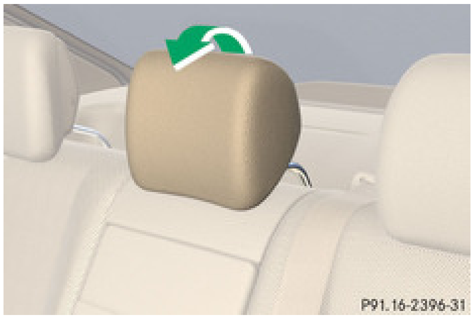
The rear seat head restraints and the rear seat power head restraints can be folded backward for increased visibility.



① Head restraint release switch

- Switch on the ignition.
- Press switch ① in the front center console briefly.
  The head restraints will fold backward.

Placing rear seat head restraints upright



- Pull the head restraint forward until it locks into position.

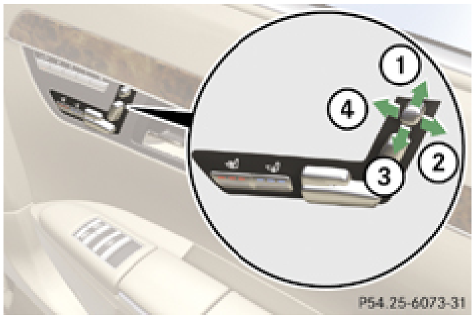
Placing power rear seat head restraints upright (rear outer seats)

ℹ When you fasten your seat belt in the rear, the respective rear outer seat head restraint places upright automatically.

Seats

- ▶ Switch on the ignition.
- ▶ Press and hold switch ① (▷ page 315) in the front center console.
  The rear seat head restraints will fold up.
- ▶ Pull the rear center seat head restraint upright manually until it locks into position.

Power rear seat head restraints (rear outer seats)



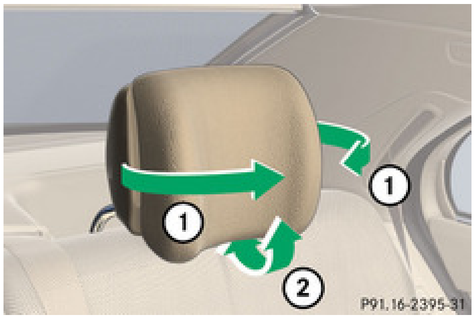
① Placing upright head restraint
② Head restraint tilt
③ Folding down head restraint
④ Head restraint tilt

- ▶ Press switch up in direction of arrow ①.
  The head restraint will move to an upright position.
- ▶ Press switch down in direction of arrow ③.
  The head restraint will fold down.
- ▶ Press the switch forward or backward in direction of arrow ② or ④.
  The head restraint will be tilted.

Comfort rear seat head restraints (rear outer seats)

⚠ **Warning!**

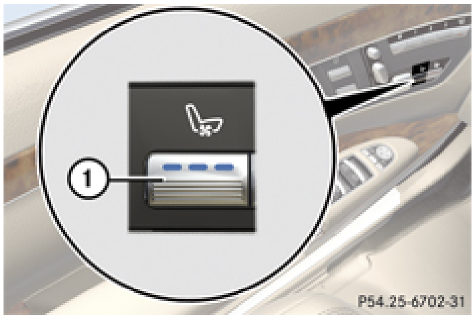
When folding back the side cushions, never reach between the side cushion and the mounting post. You could otherwise be trapped.



① Side cushions
② Head restraint tilt

- ▶ **Adjusting side cushions:** Pull or push side cushions ① into desired position.
- ▶ **Adjusting head restraint angle:** Push or pull on the lower edge of the head restraint cushion in direction of arrow ②.

Seat ventilation



① Seat ventilation button

The blue indicator lamps in the button come on to show which ventilation level you have selected.

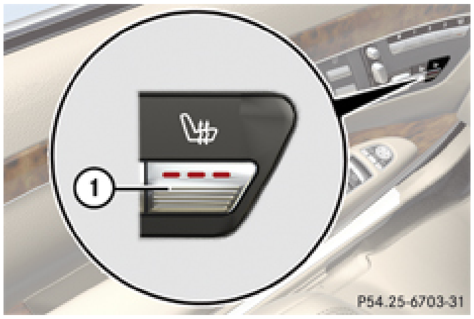
ℹ The seat ventilation for the driver's seat can be activated using summer opening feature (▷ page 336).

- Switch on the ignition.
- **Switching on:** Press button ① repeatedly until the desired ventilation level is set.
- **Switching off:** Press button ① repeatedly until all indicator lamps go out.

If one or more of the indicator lamps in the seat ventilation button ① are flashing, there is insufficient voltage available since too many electrical consumers are turned on. The seat ventilation switches off automatically.

The seat ventilation will switch back on again automatically as soon as sufficient voltage is available.

Seat heating



① Seat heating button

The red indicator lamps in button ① come on to show which heating level you have selected.

The seat heating switches from level **3** (high) to level **2** after approximately 5 minutes.

The seat heating switches from level **2** to level **1** (low) after approximately 10 minutes.

The seat heating automatically switches off from level **1** after approximately 20 minutes.

- Switch on the ignition.
- **Switching on:** Press button ① repeatedly until the desired heating level is set.
  One or more red indicator lamps in button ① show the selected heating level.
- **Switching off:** Press button ① repeatedly until all indicator lamps go out.

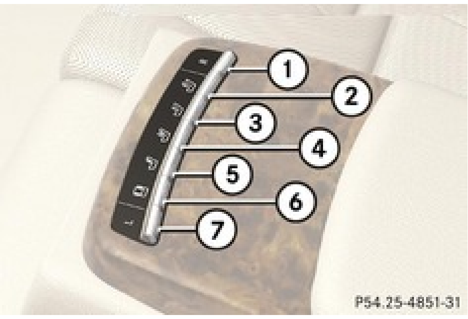
If one or more of the indicator lamps in seat heating button ① are flashing, there is insufficient voltage available since too many electrical consumers are turned on. The seat heating switches off automatically.

The seat heating will switch back on again automatically as soon as sufficient voltage is available.

Multicontour seats, rear

You can adjust the rear outer multicontour seats using the buttons on the center console.

▷▷



① To select right rear passenger seat
② Massage setting, gentle
③ Massage setting, vigorous
④ To adjust position of seat backrest curvature (lordosis)
⑤ Lumbar region support
⑥ Side bolster adjustment
⑦ To select left rear passenger seat

▶ **Selecting a seat:** Press rocker switch ① or ⑦ forward or backward.
The indicator lamp in the selected rocker switch lights up for a short while.

Gentle massage

▶ **Switching on:** Press rocker switch ② forward.

▶ **Switching off:** Pull rocker switch ② backward.

Vigorous massage

▶ **Switching on**: Press rocker switch ③ forward.

▶ **Switching off:** Pull rocker switch ③ backward.

Position of seat backrest curvature

▶ **Moving upward:** Press rocker switch ④ forward.

▶ **Moving downward:** Pull rocker switch ④ backward.

Lumbar region support

▶ **Selecting greater curvature:** Press rocker switch ⑤ forward.

▶ **Selecting less curvature:** Pull rocker switch ⑤ backward.

Side bolster adjustment

▶ **Reducing width:** Press rocker switch ⑥ forward.

▶ **Increasing width:** Pull rocker switch ⑥ backward.

Multifunction steering wheel

Safety notes

⚠ **Warning!**

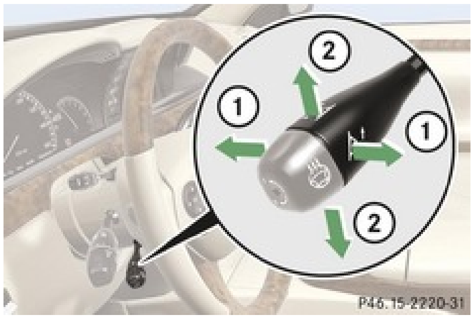
Do not adjust the steering wheel while driving. Adjusting the steering wheel while driving could cause the driver to lose control of the vehicle.

The electrical steering wheel adjustment feature can be operated at any time. Therefore, do not leave children unattended in the vehicle, or with access to an unlocked vehicle. A child's unsupervised access to a vehicle could result in an accident and/or serious personal injury.

Make sure

- you can reach the steering wheel with your arms slightly bent at the elbows
- you can move your legs freely
- all displays (including malfunction and indicator lamps) on the instrument cluster are clearly visible

Steering wheel adjustment



① Adjusting steering wheel, in or out
② Adjusting steering wheel, up or down

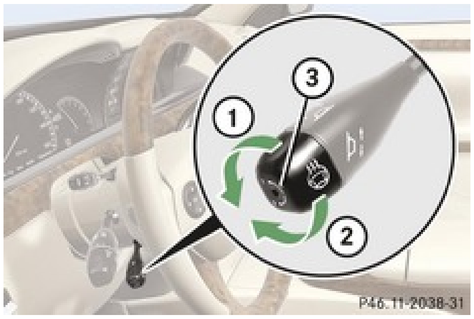
▶ **Adjusting steering wheel in or out:** Move stalk in direction of arrows ①.

▶ **Adjusting steering wheel up or down:** Move stalk in direction of arrows ②.

ℹ The memory function (▷ page 323) lets you store the settings for the steering wheel together with the settings for the seat position and the exterior rear view mirrors.

Heated steering wheel

The steering wheel heating warms up the leather area of the steering wheel.



① Switching on
② Switching off
③ Indicator lamp

▶ Switch on the ignition.

▶ **Switching on:** Turn switch at the tip of the stalk in direction of arrow ①.
Indicator lamp ③ comes on.

ℹ The steering wheel heating will not switch on, when the temperature of the vehicle interior is above 86℉ (30℃).

▶ **Switching off:** Turn switch at the tip of stalk in direction of arrow ②.
Indicator lamp ③ goes out.

Mirrors

ℹ Indicator lamp ③ flashes or goes out in case of power surge or undervoltage or if the steering wheel heating malfunctions.

ℹ The steering wheel heating switches off automatically:

- when you remove the SmartKey from the starter switch
- on vehicles with KEYLESS-GO, when you switch off the ignition and open the driver's door
- when the temperature of the vehicle interior is above 86℉ (30℃)
- after approximately 24 minutes

For more information on the steering wheel, see "Multifunction steering wheel" (▷ page 237).

Mirrors

Notes

Adjust the interior and exterior rear view mirrors before driving so that you have a good view of the road and traffic conditions.

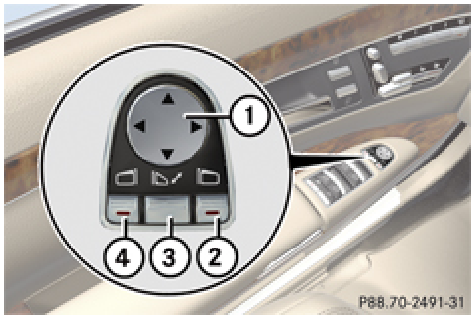
Interior rear view mirror

▶ Adjust the interior rear view mirror manually.

Exterior rear view mirrors

⚠ **Warning!**

Exercise care when using the passenger-side exterior rear view mirror. The mirror surface is convex (outwardly curved surface for a wider field of view). Objects in mirror are closer than they appear. Check your interior rear view mirror and glance over your shoulder before changing lanes.



① Adjustment button
② Passenger-side exterior rear view mirror button
③ Button for folding exterior rear view mirrors in and out
④ Driver's side exterior rear view mirror button

▶ Switch on the ignition.

▶ Press button ④ for the driver's side exterior rear view mirror or button ② for the passenger-side exterior rear view mirror.
The indicator lamp in the respective button comes on.

▶ Press adjustment button ① up, down, left or right according to the desired setting.

When you press button ① for the first time, the exterior mirror on the driver's side is always selected.

If you do not make adjustments to the selected exterior rear view mirror within 15 seconds, the indicator lamp goes out. You will then have to select the desired exterior rear view mirror again before adjustments can be made. Adjustments can only be made with the indicator lamp for the respective exterior rear view mirror button illuminated.

! If an exterior rear view mirror was forcibly hit from the front, manually snap it back into place.

ℹ At low ambient temperatures, the exterior rear view mirrors will be heated automatically.

Auto-dimming rear view mirrors

The exterior rear view mirror on the driver's side and the interior rear view mirror will respond automatically to glare when the ignition is switched on and incoming light from headlamps falls on the sensor in the interior rear view mirror.

The rear view mirrors will not react if the automatic transmission is set to reverse gear **R** or the interior lighting is switched on.

⚠ **Warning!**

The auto dimming function does not react if incoming light is not aimed directly at sensors in the interior rear view mirror.

The interior rear view mirror and the exterior rear view mirror on the driver's side do not react, for example, if the rear window sunshade is in raised position.

Light hitting the mirror(s) at certain angles (incident light) could blind you. As a result, you may not be able to observe traffic conditions and could cause an accident.

Power folding exterior rear view mirrors

! Before you drive the vehicle through an automatic car wash, fold in the exterior rear view mirrors. Otherwise they may get damaged.

Folding in and out automatically

When the corresponding function in the COMAND system is activated (▷ page 222):

- The exterior rear view mirrors fold in automatically as soon as the vehicle is locked from the outside.
- The exterior rear view mirrors fold out automatically as soon as the vehicle is unlocked and the driver's or front passenger door are subsequently opened.

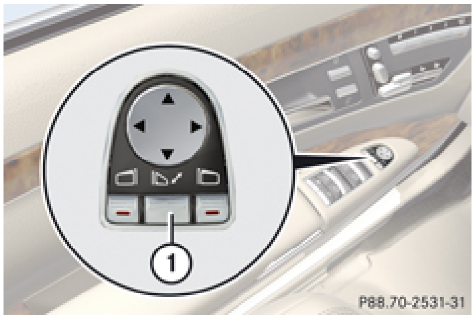
Folding in and out manually

ℹ The mirrors do not fold out if they were previously folded in manually. Please make sure both mirrors are folded out before driving off.

The exterior rear view mirrors can vibrate if they are not folded out completely.

▷▷

Mirrors



① Button for folding exterior rear view mirrors in and out

- ▶ **Folding in:** Briefly press button ①.
  Both exterior rear view mirrors fold in.
- ▶ **Folding out:** Briefly press button ①.
  Both exterior rear view mirrors fold out.

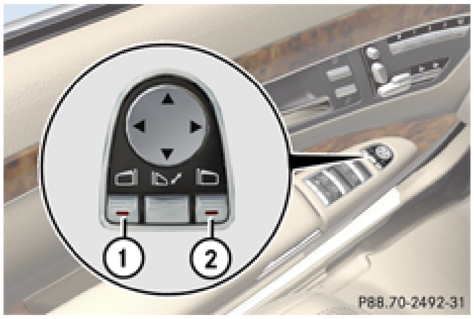
❗ If an exterior rear view mirror housing is forcibly pushed forward (hit from the rear), reposition it manually by applying firm pressure until it snaps back into place.

If an exterior rear view mirror housing is forcibly pushed rearward (hit from the front), press button ① to fold mirrors in, then press button ① again to fold mirrors out. Do not force mirrors by hand as this may damage the adjustment mechanism.

The mirror housing is then properly positioned and you can adjust the mirror in the usual manner.

Activating exterior rear view mirror parking position

Follow these steps to activate the mirror parking position so that the passenger-side exterior rear view mirror will be turned downward to the stored position.



① Driver's side exterior rear view mirror button

② Passenger-side exterior rear view mirror button

- ▶ Make sure you have stored a parking position for the passenger-side exterior rear view mirror (▷ page 324).
- ▶ Make sure the `Lower mirror when reversing` function in the `Exterior Mirror Convenience Settings` submenu of the COMAND system is selected.
- ▶ Switch on the ignition.
- ▶ Press button ② for the passenger-side exterior rear view mirror.

ℹ With the automatic transmission in reverse gear **R**, the previously selected exterior rear view mirror is activated.

- ▶ Shift the automatic transmission into reverse gear **R**.
  The passenger-side exterior rear view mirror will be turned downward to the stored position.

The exterior rear view mirror returns to its previously stored driving position:

- when you switch off the ignition
- 10 seconds after you have put the gear selector lever out of reverse gear **R**

- immediately once your vehicle exceeds a speed of approximately 6 mph (10 km/h)
- immediately when you press button ① for driver's side exterior rear view mirror.

ℹ If you adjust the exterior mirrors while they are in the parking position, the new mirror position is stored as a new parking position.

Memory function

Notes

With the memory function you can store up to three different configurations per front seat.

Each memory position button on the driver's side can store all of the following settings:

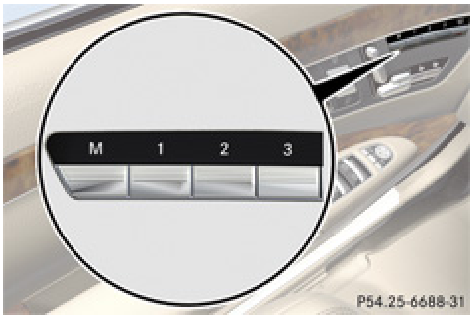
- Seat position
- Multicontour seat: previously saved setting
- Drive-dynamic multicontour seat: activation/deactivation
- Steering wheel position
- Exterior rear view mirrors' position

⚠ **Warning!**

Do not activate the memory function while driving. Activating the memory function while driving could cause the driver to lose control of the vehicle.

Each memory position button on the front passenger side can store all of the following settings:

- Seat position
- Multicontour seat: previously saved setting
- Drive-dynamic multicontour seat: activation/deactivation



M Memory button

1, 2, 3 Memory position button

Storing positions into memory

- ▶ Adjust the seats.
- ▶ On the driver’s side, additionally adjust the steering wheel and exterior rear view mirrors to the desired positions.
- ▶ Press memory button **M**.
- ▶ Release memory button **M** and press memory position button **1**, **2** or **3** within 3 seconds.

  When the settings are stored to the selected position, an acknowledgement signal sounds.

Recalling positions from memory

- ▶ Press and hold desired memory position button **1**, **2** or **3** until the seat has completely moved to the stored position. On the driver’s side, also wait for the steering wheel and exterior rear view mirrors to move to the stored position.

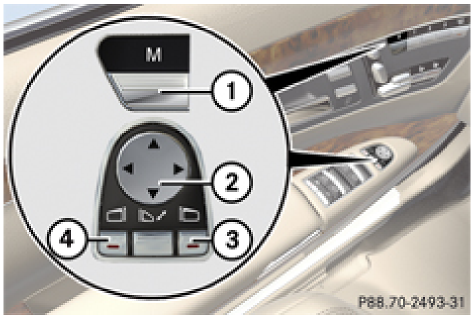
ℹ Releasing the memory position button stops movement to the stored positions immediately.

The multicontour seat and/or lumbar support will continue to be adjusted.

Storing exterior rear view mirror parking position

For easier parking, you can adjust the passenger-side exterior rear view mirror so that you can see the right rear wheel as soon as you engage reverse gear **R**.

For information on activating the parking position, see (▷ page 322).



① Memory button **M**
② Adjustment button
③ Passenger side exterior rear view mirror button
④ Driver’s side exterior rear view mirror button

- ▶ Stop the vehicle.
- ▶ Switch on the ignition.
- ▶ Press button ③.

  The passenger-side exterior rear view mirror is selected.
- ▶ Adjust the passenger-side exterior rear view mirror with adjustment button ② so that you see the rear wheel and the road curb.
- ▶ Press memory button **M** ①.
- ▶ Within 3 seconds, press bottom of adjustment button ②.

  The parking position is stored if the mirror does not move.

ℹ If the mirror does move, repeat the above steps. After the setting is stored, you can move the mirror again.

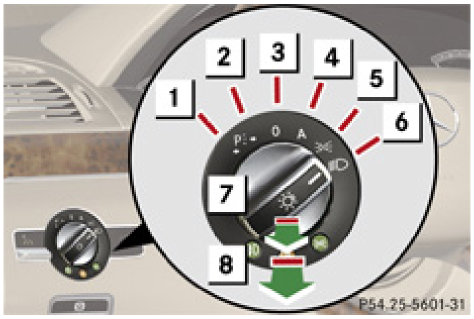
Lighting

Notes

ℹ If you drive in countries where vehicles drive on the other side of the road than the country where the vehicle is registered, you must have the headlamps modified for symmetrical low beams. Relevant information can be obtained at any authorized Mercedes-Benz Center.

ℹ The active Bi-Xenon headlamps monitor the vehicle's steering angle and speed, then automatically shift their beams to either side to better follow the curvature of the road ahead, increasing usable illumination over conventional headlamps.

Exterior lamp switch



1	←P≡	Standing lamps, left
2	P≡→	Standing lamps, right
3	0	Off Daytime running lamp mode
4	A	Automatic headlamp mode Daytime running lamp mode
5	≡00≡	Parking lamps (also tail lamps, license plate lamps, side marker lamps and instrument panel lamps)
6	≡D	Low-beam headlamps or high-beam headlamps
7	≢D	Front fog lamps
8	0≢	Rear fog lamp

ℹ The exterior lamps go out automatically when you remove the SmartKey from the starter switch or open the driver's door with the ignition switched off.

When the parking lamps or the rear fog lamp are switched on and you remove the SmartKey from the starter switch and open the driver's door, an acoustic signal sounds.

In addition, the message `Please Switch Off Lights` appears in the multifunction display.

Switch off the parking lamps or the rear fog lamp manually.

! Failure to switch off the parking lamps when leaving the vehicle may result in a discharged battery.

Low-beam headlamps

The low-beam headlamps can be switched on and off with the exterior lamp switch.

- ▶ Switch on the ignition.
- ▶ **Switching on:** Turn the exterior lamp switch to position ≡D.
  The following lamps come on:
  - Low-beam headlamps
  - Tail lamps
  - Parking lamps

▷▷

- License plate lamps
- Side marker lamps
- Instrument panel lamps
- Green indicator lamp ☼OO☼ in the exterior lamp switch

▶ **Switching off:** Turn the exterior lamp switch to position 0.

Automatic headlamp mode

The following lamps come on and go out automatically depending on the brightness of the ambient light:

- Low-beam headlamps
- Tail lamps
- Parking lamps
- License plate lamps
- Side marker lamps

⚠ **Warning!**

If the exterior lamp switch is set to A, the headlamps will not automatically come on under foggy conditions.

To minimize risk to you and to others, activate headlamps by turning exterior lamp switch to ≣D when driving or when traffic and/or ambient lighting conditions require you to do so.

In low ambient lighting conditions, only switch from position A to ≣D with the vehicle at a standstill in a safe location. Switching from A to ≣D will briefly switch off the headlamps. Doing so while driving in low ambient lighting conditions may result in an accident.

The automatic headlamp feature is only an aid to the driver. The driver is responsible for the operation of the vehicle's lights at all times.

▶ **Switching on:** Turn the exterior lamp switch to position A.

With the SmartKey in starter switch position **1** or the KEYLESS-GO start/stop button pressed once, the tail and parking lamps, the license plate lamps and the side marker lamps will come on and go out depending on the brightness of the ambient light.

When the engine is running the low-beam headlamps, the tail and parking lamps, the license plate lamps and the side marker lamps will come on and go out depending on the brightness of the ambient light.

Canada only: High-beam headlamps are only available with the exterior lamp switch in position ≣D.

Daytime running lamp mode

In Canada, the daytime running lamp mode is mandatory and therefore in a constant mode.

In the USA, the daytime running lamp mode is deactivated by default. Activate the daytime running lamp mode using the control system, see “Setting daytime running lamp mode (USA only)” (▷ page 252).

▶ Turn the exterior lamp switch to position 0 or A.

When the engine is running, the low-beam headlamps come on.

In low ambient lighting conditions, the following lamps will come on additionally:

- Tail lamps
- Parking lamps
- License plate lamps
- Side marker lamps

With the daytime running lamp mode activated and the engine running, you cannot switch off the low-beam headlamps manually.

Canada only

With the exterior lamp switch in position **0** or **A**, you cannot switch on the high-beam headlamps.

The high-beam flasher is available at all times.

For nighttime driving turn the exterior lamp switch to position ≣D to permit activation of the high-beam headlamps.

When the engine is running, and you

- shift from a driving position to park position **P** with the vehicle at a standstill or the electronic parking brake is engaged, the low-beam headlamps will go out with a delay of 3 minutes
- turn the exterior lamp switch to position ≡00≡, the low-beam headlamps, the tail and parking lamps, the license plate lamps and the side marker lamps come on
- turn the exterior lamp switch to position ≣D, the manual headlamp mode has priority over the daytime running lamp mode

  The corresponding exterior lamps come on (▷ page 325).

USA only

You can only switch on the high-beam headlamps in low ambient lighting conditions.

The high-beam flasher is available at all times.

When the engine is running, and you turn the exterior lamp switch to position ≡00≡ or ≣D, the manual headlamp mode has priority over the daytime running lamp mode.

The corresponding exterior lamps come on (▷ page 325).

Fog lamps

Fog lamps cannot be switched on with the exterior lamp switch in position **A**. To switch on the fog lamps, turn the exterior lamp switch to position ≣D first.

⚠ **Warning!**

In low ambient lighting or foggy conditions, only switch from position **A** to ≣D with the vehicle at a standstill in a safe location.

Switching from **A** to ≣D will briefly switch off the headlamps. Doing so while driving in low ambient lighting conditions may result in an accident.

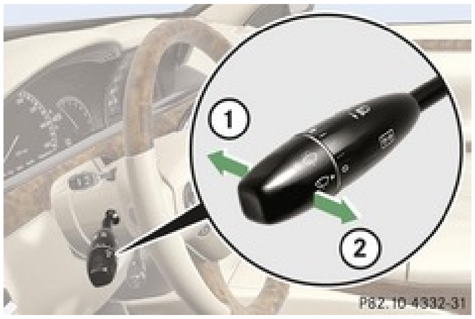
Fog lamps will operate with the parking lamps and/or the low-beam headlamps on. Fog lamps should only be used in conjunction with low-beam headlamps. Consult your State or Province Motor Vehicle Regulations regarding permissible lamp operation.

- ▶ Switch on the ignition.
- ▶ Turn the exterior lamp switch to position ≡00≡ or ≣D (▷ page 325).
- ▶ **Switching on front fog lamps:** Pull out the exterior lamp switch to first stop.
  The green indicator lamp ≢D in the exterior lamp switch comes on.
- ▶ **Switching on rear fog lamp:** Pull out the exterior lamp switch to second stop.
  The rear fog lamp, the front fog lamps and the yellow indicator lamp 0≢ in the exterior lamp switch come on.
- ▶ **Switching off front fog lamps/rear fog lamp:** Push in the exterior lamp switch to its stop.

Locator lighting and night security illumination

The locator lighting and night security illumination are described in the COMAND vehicle menu section under “Locator lighting on/off” (▷ page 221) and “Setting night security illumination” (▷ page 220).

Combination switch



① High beam
② High-beam flasher

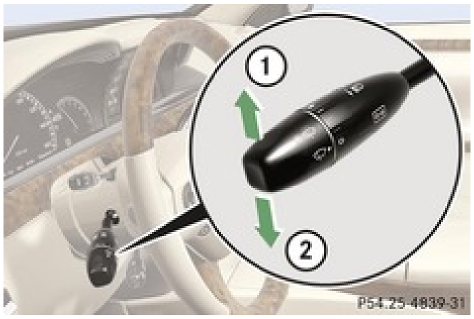
High beam

- Turn the exterior lamp switch to position ≣D (▷ page 325).
- **Switching on:** Push the combination switch in direction of arrow ①.
  The high-beam headlamp indicator lamp ≣D in the instrument cluster comes on.
- **Switching off:** Pull the combination switch in direction of arrow ② to its original position.

High-beam flasher

- **Switching on:** Pull the combination switch briefly in direction of arrow ②.

Turn signals



① Turn signals, right
② Turn signals, left

- Press the combination switch in direction of arrow ① or ②.
  The corresponding turn signal indicator lamp ⇦ or ⇨ in the instrument cluster flashes.

The combination switch resets automatically after major steering wheel movements.

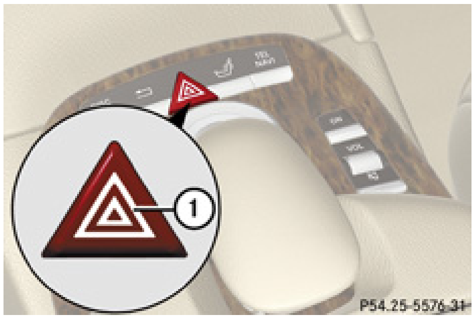
ℹ To signal minor directional changes such as changing lanes, press combination switch only to point of resistance and release. The corresponding turn signal lamps will flash three times.

Hazard warning flasher

The hazard warning flasher can be switched on at all times, even with the SmartKey removed from the starter switch.

The hazard warning flasher comes on automatically when an air bag deploys.

S 600 and S 65 AMG, USA only:
The hazard warning flasher comes on automatically when you brake the vehicle strongly at a speed of more than 50 mph (70 km/h) and bring it to a complete stop.



① Hazard warning flasher switch

- **Switching on:** Press hazard warning flasher switch ①.
  All turn signal lamps are flashing.

i With the hazard warning flasher activated and the combination switch set for either left or right turn, only the respective left or right turn signals will operate when the ignition is switched on.

- **Switching off:** Press hazard warning flasher switch ① again.

i If the hazard warning flasher has been activated automatically, press hazard warning flasher switch ① once to switch off.

Headlamp cleaning system

The headlamps will be cleaned with a high-pressure water jet automatically when the engine is running and you have

- switched on the headlamps

  and

- the windshield wipers have wiped the windshield with washer fluid five times

The counter resets when you switch off the ignition.

For information on filling up the washer reservoir, see "Washer system and headlamp cleaning system" (▷ page 448).

Corner-illuminating lamps

The corner-illuminating lamps improve illumination of the area in the direction into which you are turning.

The corner-illuminating lamps will only operate in low ambient lighting conditions.

If you are driving faster than 43 mph (70 km/h) the corner-illuminating function is not available.

Switching on

- Make sure the engine is running.
- Turn the exterior lamp switch to position ≣D or A (▷ page 325).

or

- Activate the daytime running lamp mode (▷ page 326).
- Switch on the left or right turn signal, depending on whether you are turning left or right.
  The respective corner-illuminating lamp comes on. If you have switched on the turn signal for one side but turn the steering wheel in the other direction, the corner-illuminating lamp comes on on the side of the turn signal.

or

- Turn steering wheel in desired direction.
  Driving forward: The corner-illuminating lamp on the side of your steering direction comes on.

  Driving in reverse: The corner-illuminating lamp opposite to your steering direction comes on.

The corner-illuminating lamps will come on automatically depending on the steering angle, even if you did not switch on either turn signal. If the corner-illuminating lamps came on automatically, they will also go out automatically depending on the steering angle and vehicle speed.

The corner-illuminating lamps temporarily come on on both sides of the vehicle if you turn the steering wheel in one direction and then again in the other direction shortly thereafter.

The corner-illuminating lamp may remain lit for a short time. The corner-illuminating lamp comes on for no more than 20 seconds with the vehicle standing still. It then goes out even if the turn signal is still switched on or if

▷▷

you have turned the steering wheel to full lock.

Switching off

- ▶ Switch off the left or right turn signal.

or

- ▶ Steer straight ahead.
  The corner-illuminating lamp goes out.

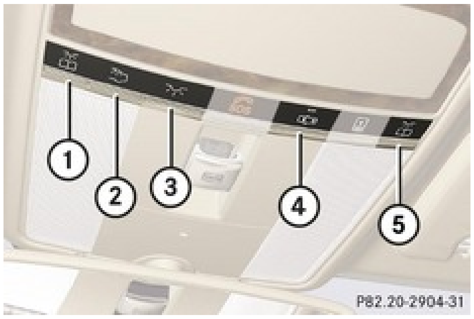
ℹ There may be a brief delay before the corner-illuminating lamps go out.

Interior lighting in the front

ℹ Even with the SmartKey being removed from the starter switch you can still use the lighting for the storage compartment, glove box and vanity mirrors, when you open a door or press one of the interior lighting buttons. If a lamp is switched on and you do not lock the vehicle, it will be switched off automatically after 30 minutes.

When you lock the vehicle from the outside, the interior lighting is switched off.

The interior lighting controls are located in the overhead control panel.



① Left front reading lamp on/off
② Rear interior lighting on/off
③ Front interior lighting on/off
④ Automatic control on/off
⑤ Right front reading lamp on/off

Automatic control

- ▶ **Activating:** Press button .
  The OFF indicator lamp next to the button goes out.
  The interior lighting comes on, when you:
  - unlock the vehicle
  - remove the SmartKey from the starter switch
  - open a door
- ▶ **Deactivating:** Press button .
  The OFF indicator lamp next to the button comes on.

The interior lighting goes out after a preset time (▷ page 224).

ℹ If a door remains open, the interior lamps go out automatically after approximately 5 minutes.

Manual control

- ▶ **Switching on/off front interior lighting:** Press button .
- ▶ **Switching on/off rear interior lighting:** Press button .
- ▶ **Switching on/off front reading lamps:** Press respective button .

ℹ The brightness of the ambient lighting is adjusted via COMAND (▷ page 224).

Emergency lighting

The interior lighting is activated automatically if the vehicle is involved in an accident.

- ▶ **Switching off:** Press hazard warning flasher switch (▷ page 328).

or

- ▶ Press switch OFF.

or

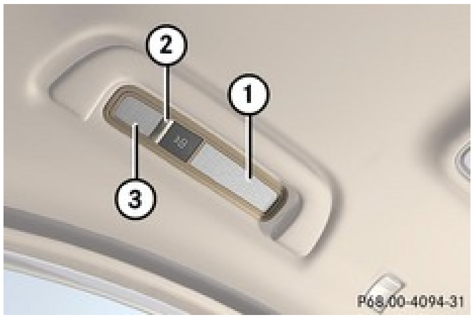
- ▶ Unlock the vehicle.

Interior lighting in the rear

! An interior lamp switched on manually does not go out automatically.

Leaving an interior lamp switch in the ON position for extended periods of time with the engine turned off could result in a discharged battery.

The rear reading lamps are located above the rear door windows.



① Rear interior lamp
② Rear reading lamp on/off
③ Rear reading lamp

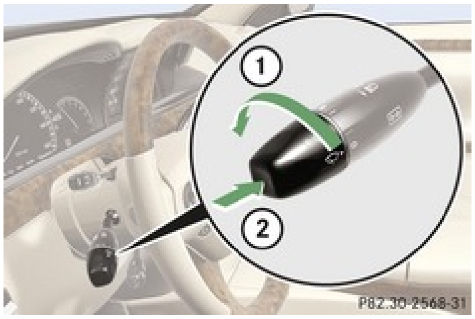
- ▶ **Switching on/off rear reading lamps:** Press reading lamp switch.
  You can switch the lamps on/off in succession as follows:
  - rear reading lamp ③ and rear interior lamp ① on
  - only rear reading lamp ③ on
  - rear reading lamp ③ off

Wipers

Notes

! Do not operate the wipers when the windshield is dry. Dust that accumulates on a windshield might scratch the glass and/or damage the wiper blades when wiping occurs on a dry windshield. If it is necessary to operate the wipers in dry weather conditions, always operate the wipers with washer fluid.

! If the windshield wipers leave smears on the windshield after the car has been driven through an automatic car wash, then wax or other residue is on the windshield. Shortly after washing the car in an automatic car wash, clean the windshield with washer fluid.



Combination switch

① Switching on windshield wipers

② Single wipe
Wiping with washer fluid

▶ Switch on the ignition.

Windshield wipers

Switching on/off

0	Windshield wipers off
• • •	Slow intermittent wiping Rain sensor operation with low sensitivity.
• • • •	Fast intermittent wiping Rain sensor operation with high sensitivity.
▬	Slow continuous wiping
☰	Fast continuous wiping

▶ Turn the combination switch in direction of arrow ① to the desired position, depending on the intensity of the rain.

ℹ When the windshield wipers are switched on and you brake the vehicle to a stop, the wipers operate more slowly.

Intermittent wiping

Only switch on intermittent wiping under wet weather conditions or in the presence of precipitation.

When you select intermittent wiping, the rain sensor is activated. The rain sensor sets a suitable wiping interval depending on the wetness of the sensor surface automatically.

! Do not leave windshield wipers on an intermittent setting when the vehicle is taken to an automatic car wash or during windshield cleaning. Windshield wipers will operate in the presence of water sprayed on the windshield, and windshield wipers may be damaged as a result.

! If you have set intermittent wiping, dirt on the surface of the rain sensor or optical effects may cause the windshield wipers to wipe in an undesired fashion. This could then damage the windshield wiper blades or scratch the windshield. You should therefore switch off the windshield wipers when weather conditions are dry.

▶ Turn the combination switch to position • • • or • • • •.
After the initial wipe, pauses between wipes are controlled by the rain sensor automatically.

Intermittent wiping is interrupted when the vehicle is at a standstill and a front door is opened. This protects persons getting into or out of the vehicle from being sprayed.

Intermittent wiping will be continued when all doors are closed and

- the automatic transmission is in drive position **D** or reverse gear **R**

  or
- the wiper setting is changed using the combination switch

Single wipe

▶ Press the combination switch briefly in direction of arrow ② to the resistance point.
The windshield wipers wipe one time without washer fluid.

Wiping with washer fluid

▶ Press the combination switch in direction of arrow ② past the resistance point.
The windshield wipers operate with washer fluid.

ℹ To prevent smears on the windshield or noisy/chattering wiper blades, wipe with washer fluid every now and then even when it is raining.

For information on filling up the washer reservoir, see “Washer system and headlamp cleaning system” (▷ page 448).

For information on cleaning the headlamps with washer fluid, see “Headlamp cleaning system” (▷ page 329).

Problems with wipers

! If anything blocks the windshield wipers (leaves, snow, etc.), switch them off immediately.

For safety reasons, stop the vehicle in a safe location, and

-
  - remove the SmartKey from the starter switch

    or
  - turn off the engine by pressing the KEYLESS-GO start/stop button and open the driver’s door (with the driver’s door open, starter switch is in position **0**, same as with SmartKey removed from starter switch)
  - engage the parking brake

  before attempting to remove any blockage.
- Remove blockage.
- Turn the windshield wipers on again.

If the windshield wipers fail to function at all with the combination switch in position ••• or ••••,

- set the combination switch to the next higher wiper speed
- have the windshield wipers checked at the nearest authorized Mercedes-Benz Center

Power windows

Opening and closing

The door windows are opened and closed electrically. The switches for all door windows are located on the driver's door control panel. The switches for the respective door windows are located on the front passenger door and on the rear doors.

ⓘ Operating the rear door windows from the rear is not possible when you activate the override switch (▷ page 67).

Vehicles equipped with the PRE-SAFE® system: If the vehicle is in a critical dynamic driving situation, the door windows close until only a small gap remains.

⚠ Warning!

When opening or closing the door windows, make sure there is no danger of anyone being harmed by the opening/closing procedure.

The door windows are equipped with the express operation and automatic reversal function. If in express operation mode a door window encounters an obstruction that blocks its path, the automatic reversal function will stop the door window and open it slightly.

The door windows operate differently when the switch is pressed and held. See the "Closing when a door window is blocked" section in this chapter for details.

The closing of the door windows can be immediately halted by releasing the switch or, if the switch was pulled past the resistance point and released, by either pressing or pulling the respective switch.

Activate the override switch when children are riding in the back seats of the vehicle. The children may otherwise injure themselves, e.g. by becoming trapped in the door window opening.

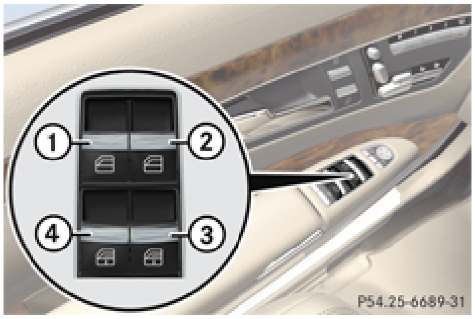
⚠ Observe Safety notes, see page 62.

⚠ Warning!

Do not keep any part of your body up against the window pane when opening a window. The downward motion of the pane may pull that part of your body down between the window pane and the door frame and trap it there. If there is a risk of entrapment, release the switch and pull it to close the window.

ⓘ You can also open or close the door windows using the SmartKey, see "Summer opening feature" (▷ page 336) and "Convenience closing feature" (▷ page 337).

ⓘ After switching off the ignition or removing the SmartKey from the starter switch, you can operate the door windows until you open the driver's or front passenger door. If no door was opened you can operate the door windows for up to 5 minutes.



① Left front door window
② Right front door window
③ Right rear door window
④ Left rear door window

- Switch on the ignition.
- **Opening/Closing:** Press or pull and hold switch ① to ④ to the resistance point.
  The corresponding door window will move downwards or upwards until you release the switch.
- **Express operation:** Press or pull switch ① to ④ past the resistance point and release.
  The corresponding door window opens or closes completely.
- **Stopping during express operation:** Press or pull the respective switch again.

Closing when a door window is blocked

⚠ **Warning!**

Make sure that nobody can become trapped and be seriously or even fatally injured when closing a door window with greater force or without automatic reversal function.

If the upward movement of a door window is blocked during the closing procedure, the door window will stop and open slightly. However, the door window will exert greater force before reversing than when the door window is closed in express operation. Please exercise caution!

- Immediately after the door window has stopped because it was blocked, pull the respective switch upwards until the door window is fully closed.

If the door window is blocked again and opens slightly:

- Immediately after the door window was blocked, pull the respective switch upwards until the door window is fully closed.

⚠ **Warning!**

Pressing and holding the switch to close the door window immediately after it had been blocked two times will cause the door window to close without any reversal function for as long as you hold the switch.

Rear door window sunshades

- **Extending:** With the door window fully closed, pull switch ③ or ④ (▷ page 334).
  The rear door window sunshade will be fully extended.

ℹ The rear door window sunshade cannot be partially extended.

- **Retracting:** Press switch ③ or ④ (▷ page 334)
  The rear door window sunshade will be fully retracted.

ℹ The switches on the rear doors can also be used to close the rear door window sunshades on the other side of the vehicle.

ℹ The switches on the driver’s door take precedence over the rocker switches on the other doors.

Synchronizing door windows

The door windows must be synchronized if they cannot be fully closed (express operation).

Each door window must be synchronized separately.

▶ Close all doors.

▶ Switch on the ignition.

▶ Pull and hold switch ①, ②, ③ or ④ (▷ page 334) until the respective door window is closed.
The door window opens again slightly.

▶ Pull and hold the respective switch once more immediately until the door window is completely closed.

▶ Hold the respective switch for approximately 1 second.
The door window is synchronized.

Summer opening feature

If the weather is warm, you can ventilate the vehicle before driving off by simultaneously:

- opening the door windows
- retracting the rear door window sunshades
- opening the tilt/sliding sunroof
- opening the panorama roof and roller sunblinds
- switching on the seat ventilation for the driver's seat

The summer opening feature can only be activated via the remote control of the SmartKey. The SmartKey must be in close proximity to the driver's outside door handle.

▶ Aim transmitter eye of the SmartKey at the driver's outside door handle.

When roller sunblinds and/or rear door window sunshades are extended:

▶ Press and hold button 🔓 on the SmartKey.
The vehicle unlocks.
The roller sunblinds and/or rear door window sunshades begin to retract after approximately 1 second.

ⓘ When the vehicle is equipped with rear door window sunshades, the rear window sunshade opens simultaneously.

▶ With the roller sunblinds and/or rear door window sunshades fully retracted, press and hold button 🔓 on the SmartKey again.
The door windows and the tilt/sliding sunroof or the panorama roof open.

▶ Release button 🔓 on the SmartKey to interrupt the opening procedure.

When roller sunblinds and/or rear door window sunshades are retracted or when the vehicle is equipped with the tilt/sliding sunroof only:

▶ Press and hold button 🔓 on the SmartKey.
The vehicle unlocks.
The door windows and the tilt/sliding sunroof or the panorama roof open after approximately 1 second.

▶ Release button 🔓 on the SmartKey to interrupt the opening procedure.

Convenience closing feature

When locking the vehicle, you can simultaneously close

- the door windows
- the tilt/sliding sunroof
- the panorama roof

Afterward, you can extend the roller sunblinds of the panorama roof and the rear door window sunshades.

⚠ **Warning!**

When closing the door windows and the tilt/sliding sunroof or panorama roof, make sure there is no danger of anyone being harmed by the closing procedure.

If potential danger exists, proceed as follows:

- Release button 🔒 to stop the closing procedure. To open, press and hold button 🔓. To continue the closing procedure after making sure that there is no danger of anyone being harmed by the closing procedure, press and hold button 🔒.

Vehicles with KEYLESS-GO:

- Release the sensor surface on the outside door handle to stop the closing procedure.
- Immediately pull on the same outside door handle and hold firmly. The door windows and the tilt/sliding sunroof or panorama roof will open for as long as the door handle is held but the door not opened.

With SmartKey

The SmartKey must be in close proximity to the driver's outside door handle.

▶ Aim transmitter eye of the SmartKey at the driver's outside door handle.

▶ Press and hold button 🔒 on the SmartKey until the door windows and the tilt/sliding sunroof or panorama roof are completely closed.

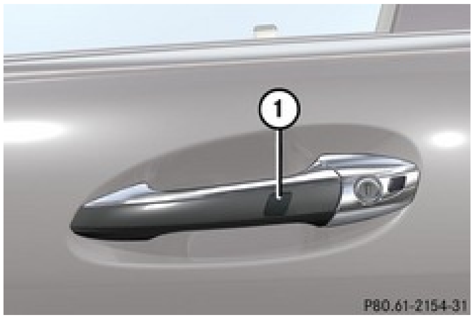
▶ Release button 🔒 on the SmartKey to interrupt the closing procedure.

▶ **Vehicles with panorama roof and/or rear door window sunshades:** Press button 🔒 on the SmartKey once more. The roller sunblinds and/or the rear door window sunshades extend.

▶ Press button 🔓 on the SmartKey to interrupt the extending procedure.

ℹ Vehicles with rear door window sunshades: The rear window sunhade extends simultaneously.

With KEYLESS-GO



① Sensor surface

The SmartKey with KEYLESS-GO must be located outside the vehicle within approximately 3 ft (1 m) of a door.

▶ Close all doors.

- Touch and hold sensor surface ① on an outside door handle until the door windows and the tilt/sliding sunroof or panorama roof are completely closed.

ℹ Make sure you are only touching the sensor surface.

- Release the sensor surface to interrupt the closing procedure.
- **Vehicles with panorama roof and/or rear door window sunshades:** Touch and hold the sensor surface once more.
  The roller sunblinds and/or the rear door window sunshades extend.
- Pull on the outside door handle and hold firmly to interrupt the extending procedure.

ℹ Vehicles with rear door window sunshades: The rear window sunhade extends simultaneously.

Driving and parking

Safety notes

⚠ **Warning!**

Make sure absolutely no objects are obstructing the pedals' range of movement. Keep the driver's footwell clear of all obstacles. If there are any floormats or carpets in the footwell, make sure the pedals still have sufficient clearance.

During sudden driving or braking maneuvers the objects could get caught between the pedals. You could then no longer brake or accelerate. This could lead to accidents and injury.

⚠ **Warning!**

With the engine not running, there is no power assistance for the brake and steering systems. In this case, it is important to keep in mind that a considerably higher degree of effort is necessary to brake and steer the vehicle. Adapt your driving accordingly.

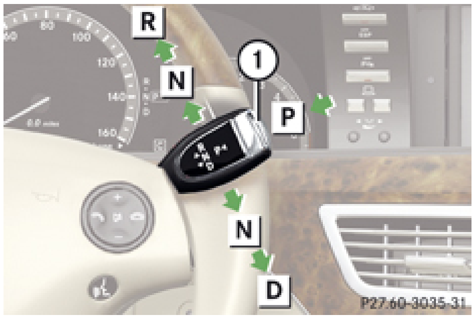
Starting the engine

⚠ **Warning!**

Inhalation of exhaust gas is hazardous to your health. All exhaust gas contains carbon monoxide (CO), and inhaling it can cause unconsciousness and possible death.

Do not run the engine in confined areas (such as a garage) which are not properly ventilated. If you think that exhaust gas fumes are entering the vehicle while driving, have the cause determined and corrected immediately. If you must drive under these conditions, drive only with at least one window fully open at all times.

Automatic transmission



Gearshift pattern for automatic transmission

① Button for selecting park position **P**

P Park position

R Reverse gear

N Neutral position

D Drive position

For more information on how to operate the gear selector lever, see “Automatic transmission” (▷ page 345).

- ▶ Make sure the automatic transmission is in park position **P**.
  The transmission position indicator in the multifunction display should be on P (▷ page 348).

With SmartKey

- ▶ Do not depress the accelerator pedal.
- ▶ Turn the SmartKey in the starter switch to position **3** (▷ page 307) and release it.
  The engine starts automatically.

With KEYLESS-GO

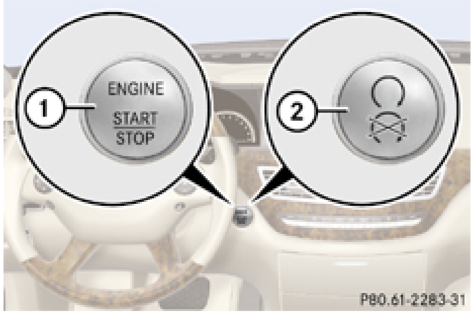
⚠ Warning!

As long as the SmartKey is in your vehicle, the vehicle can be started. Therefore, never leave children unattended in the vehicle, as they could otherwise accidentally start the engine.

When leaving the vehicle, always take the SmartKey with you and lock the vehicle. Do not leave children unattended in the vehicle, or with access to an unlocked vehicle. A child’s unsupervised access to a vehicle could result in an accident and/or serious personal injury.

You can start your vehicle without the SmartKey in the starter switch using the KEYLESS-GO start/stop button in the starter switch.

The SmartKey must be located in the vehicle.



KEYLESS-GO start/stop button

① USA only

② Canada only

- ▶ Make sure the KEYLESS-GO start/stop button is inserted in the starter switch.

ℹ If you wish to start the engine with the SmartKey instead of the KEYLESS-GO function, remove the KEYLESS-GO start/stop button from the starter switch and proceed as described in “With SmartKey” (▷ page 339).

- ▶ Depress the brake pedal during the starting procedure.
- ▶ Do not depress the accelerator pedal.

- ▶ Press the KEYLESS-GO start/stop button once.
  The engine starts automatically.

Starting difficulties

! Remember that extended starting attempts can drain the battery.

The engine does not start. You can hear the starter.

There could be a malfunction in the engine electronics or in the fuel supply system.

Carry out the following steps:

- ▶ If you are starting the engine with the SmartKey: Turn the SmartKey in the starter switch to position **0** and repeat the starting procedure.
- ▶ If you are starting the engine with KEYLESS-GO: Close any doors that may be open to allow for better detection of the SmartKey.

or

- ▶ Remove the KEYLESS-GO start/stop button from the starter switch.
- ▶ Start the engine with the SmartKey as radio signals from another source may be interfering with the KEYLESS-GO function.
- ▶ Repeat the starting procedure.

If the engine does not start after several starting attempts:

- ▶ Contact an authorized Mercedes-Benz Center or call Roadside Assistance.

The engine does not start. You cannot hear the starter.

The battery may not be sufficiently charged.

- ▶ Get a jump start (▷ page 578).

If the engine will not start despite a jump start:

- ▶ Contact an authorized Mercedes-Benz Center or call Roadside Assistance.

The starter has been exposed to excessive temperatures.

- ▶ Let the starter cool for about 2 minutes.
- ▶ Repeat the starting procedure.

If the engine does not start after several starting attempts:

- ▶ Contact an authorized Mercedes-Benz Center or call Roadside Assistance.

Driving off

⚠ Warning!

On slippery road surfaces, never downshift in order to obtain braking action. This could result in drive wheel slip and reduced vehicle control. Your vehicle’s ABS will not prevent this type of loss of control.

! Do not run cold engine at high engine speeds. Running a cold engine at high engine speeds may shorten the service life of the engine. This is not covered by the Mercedes-Benz Limited Warranty.

S 63 AMG: At engine temperatures below 68°F (20°C), the engine’s maximum speed is restricted in order to protect it from damage. Avoid driving your vehicle at full speed when the engine is cold to prevent premature engine wear and/or diminished comfort.

! You have forgotten to release the electronic parking brake when driving off if

- an acoustic warning sounds
- the message `Please Release Parking Brake` appears in the multifunction display
- the red indicator lamp for the electronic parking brake PARK (USA only) or Ⓟ (Canada only) in the instrument cluster flashes

Release the electronic parking brake.

! Avoid spinning of a drive wheel. This may cause serious damage to the drivetrain which is not covered by the Mercedes-Benz Limited Warranty.

! Simultaneously depressing the accelerator pedal and applying the brakes reduces engine performance and causes premature brake and drivetrain wear which is not covered by the Mercedes-Benz Limited Warranty.

i Once the vehicle is in motion, the automatic central locking system engages and the locking knobs in the doors move down.

The automatic door lock feature can be deactivated (▷ page 222).

Automatic transmission

⚠ Warning!

It is dangerous to shift the automatic transmission out of park position **P** or neutral position **N** if the engine speed is higher than idle speed. If your foot is not firmly on the brake pedal, the vehicle could accelerate quickly forward or in reverse. You could lose control of the vehicle and hit someone or something. Only shift into gear when the engine is idling normally and when your right foot is firmly on the brake pedal.

! Only shift the automatic transmission into reverse gear **R** or park position **P** when the vehicle is stopped. Otherwise the automatic transmission could be damaged.

▶ Depress the brake pedal.
The gear selector lever can now be used.

▶ Shift the automatic transmission into drive position **D** or reverse gear **R**.

i Shifting the automatic transmission out of park position **P** is only possible with the brake pedal depressed.

Without the brake pedal depressed, the gear selector lever can be moved up or down, but the parking pawl remains engaged, not allowing shifting to occur.

▶ Wait for the gear selection process to complete before setting the vehicle in motion.

▶ Release the brake pedal.

▶ Carefully depress the accelerator pedal.
The electronic parking brake releases automatically.

The red indicator lamp PARK (USA only) or Ⓟ (Canada only) in the instrument cluster goes out.

After a cold start, the automatic transmission shifts at a higher engine revolution. This allows the catalytic converter to reach its operating temperature earlier.

For more information on driving, see “Driving instructions” (▷ page 475).

Driving and parking

Problems while driving

The engine runs erratically and misfires

- An ignition cable may be damaged.
- The engine electronics may not be operating properly.
- Unburned gasoline may have entered the catalytic converter and damaged it.

▶ Give very little gas.

▶ Have the problem checked at an authorized Mercedes-Benz Center as soon as possible.

The coolant temperature is above 248°F (120°C)

The coolant is too hot and is no longer cooling the engine.

▶ Stop the vehicle in a safe location as soon as possible.

▶ Turn off the engine immediately.

▶ Allow the engine and coolant to cool off.

▶ Check the coolant level and add coolant if necessary (▷ page 448).

In case of accident

If the vehicle is leaking fuel:

▶ Do not start the engine under any circumstances.

▶ Exit the vehicle at a safe distance from the roadway.

▶ Notify local fire and/or police authorities.

If the extent of the damage cannot be determined:

▶ Contact an authorized Mercedes-Benz Center or call Roadside Assistance.

If no damage on major assemblies, fuel system, and engine mount can be determined:

▶ Start the engine in the usual manner.

Parking

⚠ Warning!

Do not park this vehicle in areas where combustible materials such as grass, hay or leaves can come into contact with the hot exhaust system, as these materials could be ignited and cause a vehicle fire.

To reduce the risk of serious personal injury, or damage to the vehicle or the vehicle drivetrain, as a result of vehicle movement, always do the following before turning off the engine and leaving the vehicle:

- Keep right foot on the brake pedal.
- Engage the electronic parking brake.
- Shift the automatic transmission into park position **P**.
- Slowly release the brake pedal.
- When parked on an incline, always turn the front wheels towards the road curb.
- Turn the SmartKey in the starter switch to position **0** and remove the SmartKey

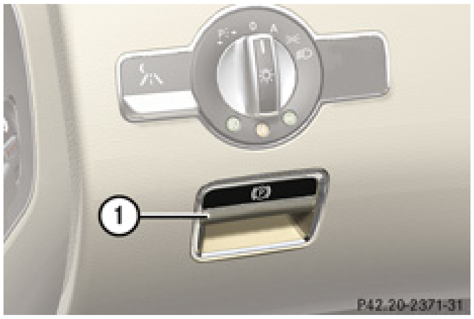
from the starter switch, or press the KEYLESS-GO start/stop button.

- Take the SmartKey with you and lock the vehicle when leaving.

Electronic parking brake

⚠ **Warning!**

When leaving the vehicle, always remove the SmartKey from the starter switch, take it with you, and lock the vehicle. Do not leave children unattended in the vehicle, or with access to an unlocked vehicle. Children could release the electronic parking brake and/or shift the automatic transmission out of park position **P**, either of which could result in an accident and/or serious personal injury.



① Handle for electronic parking brake

Releasing electronic parking brake manually

▶ Make sure the ignition is switched on.

▶ Pull handle ①.
The red indicator lamp PARK (USA only) or Ⓟ (Canada only) in the instrument cluster goes out.

Releasing electronic parking brake automatically

Your vehicle's electronic parking brake releases automatically when:

- The engine is running.
- The automatic transmission is in drive position **D** or reverse gear **R**. With the automatic transmission in reverse gear **R** the trunk lid must be closed.
- The hood is closed.
- You have fastened your seat belt.
- You press on the accelerator pedal.

ℹ If you have not fastened your seat belt, the following conditions must be met in order for the electronic parking brake to release automatically:

- The driver's door is closed and you shift the automatic transmission out of park position **P**.

  or

- The driver's door is closed and you drive faster than 2 mph (3 km/h).

Engaging electronic parking brake manually

▶ Press handle ①.
The red indicator lamp PARK (USA only) or Ⓟ (Canada only) in the instrument cluster comes on.

ℹ You can also engage the electronic parking brake when the SmartKey is removed from the starter switch.

Engaging electronic parking brake automatically

Your vehicle's electronic parking brake engages automatically when DISTRONIC Plus (▷ page 360) brings your vehicle to a standstill, and at least one of the following conditions is met:

- The engine is turned off.
- The driver's door is opened and the seat belt is not inserted in the seat belt buckle.
- The hood lock is released.
- The trunk lid is opened while the automatic transmission is in reverse gear **R**.
- The vehicle is stationary for an extended period of time.

The red indicator lamp PARK (USA only) or (Ⓟ) (Canada only) in the instrument cluster comes on.

ℹ In addition to engaging the electronic parking brake, the automatic transmission will shift into park position **P** automatically.

Emergency braking with electronic parking brake

In an emergency situation, you can also brake your vehicle while driving by using the electronic parking brake.

▶ While driving, press the handle for the electronic parking brake (▷ page 343).

ℹ Your vehicle will be braked for as long as you press and hold the handle for the electronic parking brake. The longer you keep the handle for the electronic parking brake pressed, the more strongly your vehicle will be braked. This method occurs on all four wheels, not just the rear wheels.

During the braking procedure

- an acoustic warning sounds
- the message `Please Release Parking Brake` appears in the multifunction display
- the red indicator lamp for the electronic parking brake PARK (USA only) or (Ⓟ) (Canada only) in the instrument cluster flashes

Once the vehicle comes to a complete stop, the electronic parking brake will engage automatically.

Turning off the engine

⚠ **Warning!**

Do not turn off the engine before the vehicle has come to a complete stop. With the engine not running, there is no power assistance for the brake and steering systems. In this case, it is important to keep in mind that a considerably higher degree of effort is necessary to brake and steer the vehicle.

ℹ If the engine cannot be turned off as described, see "Emergency engine shutdown" (▷ page 586).

▶ Shift the automatic transmission into park position **P**.

ℹ When parked on an incline, also turn the front wheels towards the road curb.

ℹ Observe instructions if you want the automatic transmission to remain in neutral position **N**, see "Remaining in neutral position **N**" (▷ page 347).

With SmartKey

▶ Turn the SmartKey in the starter switch to position **0**.

- Remove the SmartKey from the starter switch.
  The immobilizer is activated.

If you turn off the engine using the SmartKey, and remove the SmartKey from the starter switch or open a front door, the automatic transmission will shift into park position **P** automatically.

⚠ Warning!

Keep in mind that turning off the engine alone only will shift the automatic transmission into neutral position **N** automatically.

Always shift the automatic transmission into park position **P** before turning off the engine.

Otherwise the vehicle could roll away which could result in an accident and/or serious personal injury.

With KEYLESS-GO

- Press the KEYLESS-GO start/stop button.
  With the driver's door closed, the starter switch is now in position **1**. With the driver's door opened, the starter switch is set to position **0**, same as the SmartKey removed from the starter switch (▷ page 307).

If you turn off the engine using the KEYLESS-GO start/stop button and open a front door, the automatic transmission will shift into park position **P** automatically.

⚠ Warning!

Keep in mind that turning off the engine alone only will shift the automatic transmission into neutral position **N** automatically.

Always shift the automatic transmission into park position **P** before turning off the engine.

Otherwise the vehicle could roll away which could result in an accident and/or serious personal injury.

ℹ In an emergency you can turn off the engine while driving by pressing and holding the KEYLESS-GO start/stop button for approximately 3 seconds.

If you have started the engine with the KEYLESS-GO start/stop button and cannot turn it off as described above:

- Remove the KEYLESS-GO start/stop button from the starter switch.
- Insert the SmartKey into the starter switch.
  The engine turns off. The starter switch is in position **0** (▷ page 307).

Automatic transmission

Introduction

For information on driving with an automatic transmission, see "Driving and parking" (▷ page 338).

⚠ Warning!

Make sure absolutely no objects are obstructing the pedals' range of movement. Keep the driver's footwell clear of all obstacles. If there are any floormats or carpets in the footwell, make sure the pedals still have sufficient clearance.

During sudden driving or braking maneuvers the objects could get caught between the pedals. You could then no longer brake or accelerate. This could lead to accidents and injury.

! Allow engine to warm up under low load use. Do not place full load on the engine until the operating temperature has been reached.

Avoid spinning of a drive wheel for an extended period when driving off on slippery road surfaces.

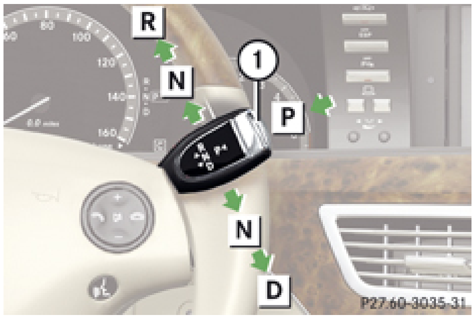
This may cause serious damage to the engine and the drivetrain which is not

▷▷

covered by the Mercedes-Benz Limited Warranty.

ℹ During the brief warm-up, transmission upshifting is delayed. This allows the catalytic converter to heat up more quickly to operating temperature.

Gear selector lever



Gearshift pattern for automatic transmission

① Button for selecting park position **P**
P Park position
R Reverse gear
N Neutral position
D Drive position

⚠ **Warning!**

It is dangerous to shift the automatic transmission out of park position **P** or neutral position **N** if the engine speed is higher than idle speed. If your foot is not firmly on the brake pedal, the vehicle could accelerate quickly forward or in reverse. You could lose control of the vehicle and hit someone or something. Only shift into gear when the engine is idling normally and when your right foot is firmly on the brake pedal.

! Only shift the automatic transmission into reverse gear **R** or park position **P** when the vehicle is stopped. Otherwise the automatic transmission could be damaged.

! The vehicle must be stopped when you shift the automatic transmission

- directly between drive position **D** and reverse gear **R**
- directly between reverse gear **R** and drive position **D**
- directly into park position **P**

Otherwise the automatic transmission could be damaged.

When trying to free a vehicle stuck in mud or snow, see “Rocking the vehicle” (▷ page 349).

ℹ Shifting the automatic transmission out of park position **P** is only possible with the brake pedal depressed.

Without the brake pedal depressed, the gear selector lever can be moved up or down, but the parking pawl remains engaged, not allowing shifting to occur.

ℹ The gear selector lever always returns to its original position.

The current transmission position **P**, **R**, **N**, or **D** appears in the multifunction display (▷ page 348).

Shifting into park position P

▶ With the vehicle at a standstill, press button ① on the gear selector lever to select park position **P**.

SmartKey: When you turn off the engine using the SmartKey, and remove the SmartKey from the starter switch or open a front door, the automatic transmission will shift into park position **P** automatically.

KEYLESS-GO: When you turn off the engine using the KEYLESS-GO start/stop button and open a front door, the automatic transmission will shift into park position **P** automatically.

⚠ **Warning!**

Keep in mind that turning off the engine alone only will shift the automatic transmission into neutral position **N** automatically.

Always shift the automatic transmission into park position **P** before turning off the engine.

Otherwise the vehicle could roll away which could result in an accident and/or serious personal injury.

ℹ Moving the gear selector lever up or down shifts the automatic transmission out of park position **P**.

DISTRONIC Plus:
The automatic transmission will shift into park position **P** automatically when DISTRONIC Plus brings your vehicle to a standstill, and at least one of the following conditions is met:

- The engine is turned off.
- The driver's door is opened and the seat belt is not inserted in the seat belt buckle.
- The hood lock is released.
- The trunk lid is opened while the automatic transmission is in reverse gear **R**.
- The vehicle is stationary for an extended period of time.

In addition to shifting into park position **P**, the electronic parking brake will engage automatically.

Shifting into neutral position N

▶ With the vehicle at a standstill, depress the brake pedal and move the gear selector lever up or down to the resistance point to select neutral position **N**.

When you turn off the engine, the automatic transmission will shift into neutral position **N** automatically.

SmartKey: Removing the SmartKey from the starter switch or opening a front door after turning off the engine will shift the automatic transmission into park position **P** automatically.

KEYLESS-GO: Opening a front door after turning off the engine will shift the automatic transmission into park position **P** automatically.

Remaining in neutral position N

If you want the automatic transmission to remain in neutral position **N**, e.g. when taking the vehicle through an automatic conveyor-type car wash, observe the following instructions:

⚠ **Warning!**

When leaving the SmartKey in the starter switch, do not leave children unattended in the vehicle. It is possible for children to switch on the ignition which could result in unsupervised use of vehicle equipment. Unsupervised use of vehicle equipment could result in an accident and/or serious personal injury.

With SmartKey:

▶ Make sure the ignition is switched on.

▶ With the vehicle at a standstill, depress the brake pedal and keep it pressed.

▶ Shift the automatic transmission into neutral position **N**.

▶ Release the brake pedal.

▶ If engaged, manually release the electronic parking brake.

▶ Switch off the ignition and leave the SmartKey in the starter switch.

Automatic transmission

With KEYLESS-GO:

- ▶ Make sure the ignition is switched on.
- ▶ With the vehicle at a standstill, depress the brake pedal and keep it pressed.
- ▶ Shift the automatic transmission into park position **P**.
- ▶ Release the brake pedal.
- ▶ Remove the KEYLESS-GO start/stop button from the starter switch.
- ▶ Insert the SmartKey into the starter switch.
- ▶ Switch on the ignition.
- ▶ Depress the brake pedal and keep it pressed.
- ▶ Shift the automatic transmission into neutral position **N**.
- ▶ Release the brake pedal.
- ▶ If engaged, manually release the electronic parking brake.
- ▶ Switch off the ignition and leave the SmartKey in the starter switch.

Shifting into reverse gear R

- ▶ With the vehicle at a standstill, depress the brake pedal and move the gear selector lever up past the resistance point to select reverse gear **R**.

Shifting into drive position D

- ▶ With the vehicle at a standstill, depress the brake pedal and move the gear selector lever down past the resistance point to select drive position **D**.

Shifting procedure

The automatic transmission selects individual gears automatically, depending on:

- the selected gear range (▷ page 350)
- the selected program mode:

  C/**S** (▷ page 350)

  or

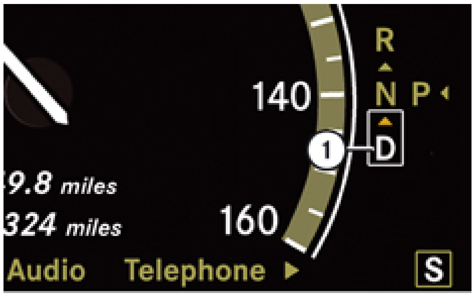
  M (AMG vehicles only) (▷ page 352)
- the position of the accelerator pedal
- the vehicle speed

With drive position **D** selected, you can influence transmission shifting by:

- limiting the gear range
- extending the gear range
- changing the gears manually (AMG vehicles only)

Transmission positions

The current transmission position appears in the multifunction display.



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① Transmission position indicator

If the current transmission position does not appear in the multifunction display due to a malfunction, for example, make sure that the automatic transmission is in the desired position:

- ▶ Shift the automatic transmission into drive position **D**.
- ▶ Select automatic program mode **S**.
- ▶ Do not limit the gear range.
- ▶ Drive off carefully.

	Effect
P	**Park position** Shift the automatic transmission into park position **P** only when the vehicle is stopped. The park position is not intended to serve as a brake when the vehicle is parked. Rather, the driver should always engage the electronic parking brake in addition to shifting the automatic transmission into park position **P** to secure the vehicle. If the vehicle's electrical system is malfunctioning, the automatic transmission could remain locked in park position **P**. ▶ Have the vehicle's electrical system checked at an authorized Mercedes-Benz Center as soon as possible.
R	**Reverse gear** Shift the automatic transmission into reverse gear **R** only when the vehicle is stopped.
N	**Neutral position** No power is transmitted from the engine to the drive axle. When the brakes are released, the vehicle can be moved freely (pushed or towed). To avoid damage to the transmission, never shift the automatic transmission into neutral position **N** while driving. Exception: If the ESP® is deactivated or malfunctioning, shift the automatic transmission into neutral position **N** if the vehicle is in danger of skidding. ! Coasting the vehicle, or driving for any other reason with the automatic transmission in neutral position **N** can result in transmission damage that is not covered by the Mercedes-Benz Limited Warranty.
D	**Drive position** The automatic transmission shifts automatically. All forward gears are available.

Driving tips

Kickdown

Use the kickdown when you want maximum acceleration.

- ▶ Fully depress the accelerator pedal. Depending on the engine speed the automatic transmission shifts into a lower gear.

Canada vehicles and AMG vehicles only:

- ▶ Depress the accelerator pedal past the point of resistance to use the kickdown.

Rocking the vehicle

Rocking the vehicle by shifting the automatic transmission directly between drive position **D** and reverse gear **R** can help free a vehicle stuck in mud or snow. The engine control system of this vehicle electronically limits directly shifting the automatic transmission between drive position **D** and reverse gear **R** to very low speeds, i.e. approximately 5 mph

▷▷

(9 km/h). To shift the automatic transmission directly between drive position **D** and reverse gear **R**, move the gear selector lever past the resistance point up or down.

Working on the vehicle

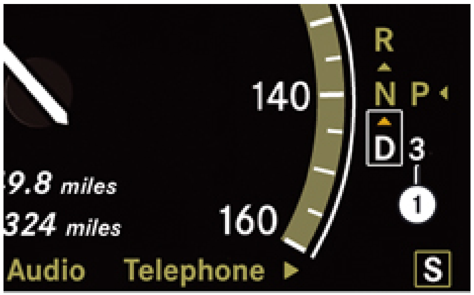
⚠ Warning!

When working on the vehicle, engage the electronic parking brake and shift the automatic transmission into park position **P**. Otherwise the vehicle could roll away which could result in an accident and/or serious personal injury.

Gear ranges

With the automatic transmission in drive position **D** and driving in automatic program mode **C** or **S**, you can limit or extend the gear range, see “One-touch gearshifting” (▷ page 351).

The current gear range appears in the multifunction display.



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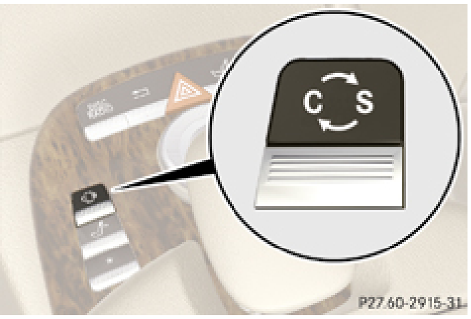
① Gear range indicator

	Effect
3	With this selection you can use the braking effect of the engine.
2	Allows the use of engine’s braking power when driving • on steep downgrades • in mountainous regions • under extreme operating conditions
1	For maximum use of engine’s braking effect on very steep or lengthy downgrades.

Automatic shift program

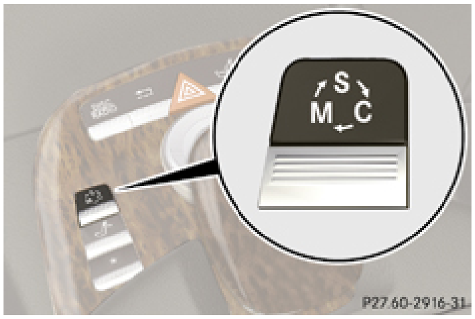
The program mode selector switch is used to adjust

- the shift program
- the suspension tuning of the AIRMATIC or the ABC system
- the engine control



Program mode selector switch

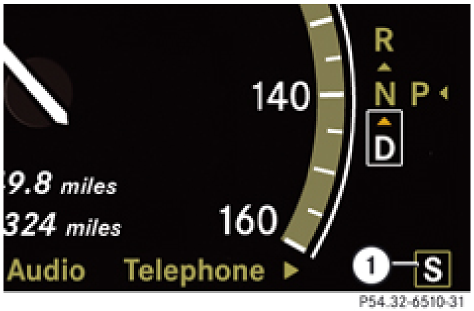
C Comfort	For comfort driving
S Sport	For standard driving



Program mode selector switch on AMG vehicles

C Comfort	For standard driving
S Sport	For sporty driving
M Manual	For manual gearshifting (▷ page 352)

The current program mode appears in the multifunction display.



① Program mode indicator

You should only change the program mode when the automatic transmission is in park position **P**.

ℹ The last selected automatic program mode (**C** or **S**) is switched on when the engine is restarted.

▶ Press the program mode selector switch repeatedly until the letter of the desired program mode appears in the multifunction display.

Selecting program mode **C** means:

- The vehicle starts out more gentle, both forward and reverse, except when driving off with full throttle.
- Traction and driving stability are improved on icy roads.
- Upshifts occur earlier even when you give more gas. The engine then operates at lower revolutions and the wheels are less likely to spin.

Selecting program mode **S** means that upshifts occur later.

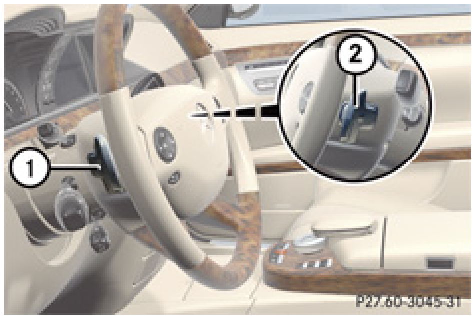
One-touch gearshifting

With the automatic transmission in drive position **D** and driving in automatic program mode **C** or **S**, you can limit or extend the gear range using the steering wheel gearshift contol.

AMG vehicles: For information on using the steering wheel gearshift control in manual program mode **M**, see “Manual shift program” (▷ page 352).

▷▷

Automatic transmission



Steering wheel gearshift control (example illustration)

① Limiting gear range
Downshift (in manual program mode **M**)

② Extending gear range
Upshift (in manual program mode **M**)

ℹ You cannot shift with the steering wheel gearshift control when the automatic transmission is in park position **P**, neutral position **N**, or reverse gear **R**.

Limiting gear range

⚠ **Warning!**

On slippery road surfaces, never downshift in order to obtain braking action. This could result in drive wheel slip and reduced vehicle control. Your vehicle's ABS will not prevent this type of loss of control.

▶ Briefly pull left gearshift control ①.
The automatic transmission will shift into the next lower gear as permitted by the shift program. This action simultaneously limits the gear range of the automatic transmission.

ℹ To avoid overrevving the engine when downshifting, the automatic transmission will not shift into a lower gear if the engine's maximum speed would be exceeded.

Extending gear range

▶ Briefly pull right gearshift control ②.
The automatic transmission will shift into the next higher gear as permitted by the shift program. This action simultaneously extends the gear range of the automatic transmission.

ℹ If you press on the accelerator pedal when the engine has reached the revolution limit of the current gear range, the automatic transmission will upshift beyond any gear range limit selected.

Canceling gear range limit

▶ Pull and hold right gearshift control ② until the gear range indicator disappears from the multifunction display.
The automatic transmission will shift from the current gear range directly into drive position **D**.

Shifting into optimal gear range

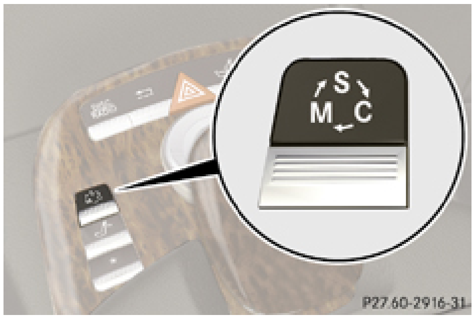
▶ Pull and hold left gearshift control ①.
The automatic transmission will select the gear range suited for optimal acceleration and deceleration automatically. This will involve shifting down one or more gears.

Manual shift program

The manual shift program is available on AMG vehicles only.

Manual program mode **M** differs with regard to spontaneity, response time, and shifting smoothness from automatic program mode **S**.

In manual program mode **M**, system-controlled automatic gearshifting is switched off. You need to change the gears by manually upshifting or downshifting using the steering wheel gearshift control.



Program mode selector switch

C Comfort	For standard driving
S Sport	For sporty driving
M Manual	For manual gearshifting

The current program mode appears in the multifunction display (▷ page 351).

For information on automatic program mode (**C** or **S**), see “Automatic shift program” (▷ page 350) and “One-touch gearshifting” (▷ page 351).

Activating manual shift program

- Press the program mode selector switch repeatedly until `M` appears in the multifunction display.
  The automatic transmission switches to manual program mode **M**. Automatic shifting is switched off. The gear range is not limited.

You can change the gears manually with drive position **D** selected. You can upshift or downshift through the gears in succession.

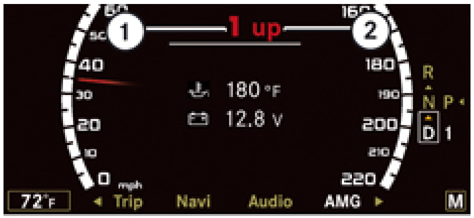
ℹ Manual program mode **M** will not be stored. When the engine is turned off with manual program mode **M** selected, the automatic transmission will go to automatic program mode (**C** or **S**) when the engine is restarted.

Upshifting

! In manual program mode **M**, the automatic transmission will not upshift, even if the engine has reached its overrevving range. Shift up into the next gear before the engine has reached its overrevving range. Make absolutely certain that the engine speed does not reach the red marking on the tachometer. Otherwise the engine could be damaged which is not covered by the Mercedes-Benz Limited Warranty.

- Briefly pull right gearshift control ② (▷ page 352).
  The automatic transmission shifts into the next higher gear.

Upshift indicator



① Current gear
② Upshift indicator

In manual program mode **M**, upshift indicator ② in the multifunction display advises you to upshift before the engine reaches the overspeed range. Thus you can drive at the maximum engine speed for each gear without overrevving the engine.

▷▷

- Shift the automatic transmission from current gear ① into the next higher gear.
  The fuel supply will otherwise be interrupted to prevent the engine from overrevving.

Downshifting

⚠ Warning!

On slippery road surfaces, never downshift in order to obtain braking action. This could result in drive wheel slip and reduced vehicle control. Your vehicle's ABS will not prevent this type of loss of control.

- Briefly pull left gearshift control ① (▷ page 352).
  The automatic transmission shifts into the next lower gear.

ℹ For maximum acceleration, pull and hold the left gearshift control. Depending on the engine speed the automatic transmission selects the optimal gear for maximum acceleration.

ℹ When you brake or stop, the automatic transmission shifts down into a gear from which you can easily accelerate or take off.

Kickdown

Using the kickdown when driving in manual program mode **M** is not possible.

Deactivating manual shift program

- Press the program mode selector switch repeatedly until C or S appears in the multifunction display.

or

- Restart the engine.
  The automatic transmission will go to automatic program mode (**C** or **S**).

Manual program mode **M** is not stored.

Emergency operation (limp-home mode)

If vehicle acceleration becomes less responsive or sluggish or the automatic transmission no longer shifts, the automatic transmission is most likely operating in limp-home (emergency operation) mode. In this mode only second gear and reverse gear **R** can be selected.

- Stop the vehicle in a safe location.
- Shift the automatic transmission into park position **P**.
- Turn off the engine.
- Wait at least 10 seconds before restarting.
- Restart the engine.
- Shift the automatic transmission into drive position **D** (for second gear) or reverse gear **R**.
- Have the automatic transmission checked at an authorized Mercedes-Benz Center as soon as possible.

Instrument cluster

Introduction

For a full view illustration of the instrument cluster, see “Instrument cluster” (▷ page 30).

⚠ **Warning!**

No messages will be displayed if either the instrument cluster or the multifunction display is inoperative.

As a result, you will not be able to see information about your driving conditions, such as speed or outside temperature, warning/indicator lamps, malfunction/warning messages or the failure of any systems. Driving characteristics may be impaired.

If you must continue to drive, please do so with added caution. Contact an authorized Mercedes-Benz Center as soon as possible.

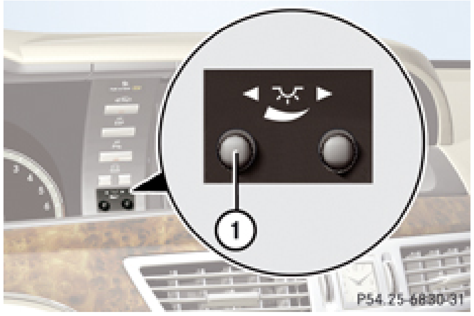
The language setting for the multifunction display can be changed via COMAND (▷ page 98).

Activating the instrument cluster

The instrument cluster is activated when you

- open a door
- switch on the ignition
- switch on the exterior lamps

Adjusting the instrument cluster illumination



① Knob

ℹ The instrument cluster illumination is dimmed or brightened automatically to suit ambient light conditions.

The instrument cluster illumination will also be adjusted automatically when you switch on the vehicle’s exterior lamps.

- **To brighten illumination:** Turn knob ① clockwise.
- **To dim illumination:** Turn knob ① counterclockwise.

Coolant temperature gauge

The coolant temperature gauge is located on the left side in the instrument cluster (▷ page 30).

⚠ **Warning!**

Driving when your engine is overheated can cause some fluids which may have leaked into the engine compartment to catch fire. You could be seriously burned.

Steam from an overheated engine can cause serious burns which can occur just by opening the engine hood. Stay away from the engine if you see or hear steam coming from it.

Stop the vehicle in a safe location away from other traffic. Turn off the engine, get out of the vehicle and do not stand near the vehicle until the engine has cooled down.

During severe operating conditions, e.g. stop-and-go traffic, the coolant temperature may rise close to 248℉ (120℃), i.e close to the red zone of the temperature gauge.

▷▷

! Excessive coolant temperature triggers a warning in the multifunction display.

The engine should not be operated with a coolant temperature above 248℉ (120℃), i.e. in the red zone of the coolant temperature gauge. Doing so may cause serious engine damage which is not covered by the Mercedes-Benz Limited Warranty.

Tachometer

The red marking on the tachometer (▷ page 30) denotes excessive engine speed.

! Avoid driving at excessive engine speeds, as it may result in serious engine damage that is not covered by the Mercedes-Benz Limited Warranty.

To help protect the engine, the fuel supply is interrupted if the engine is operated within the red marking.

Outside temperature indicator

The outside temperature indicator is on the bottom left-hand side of the instrument cluster (▷ page 30).

⚠ **Warning!**

The outside temperature indicator is not designed to serve as an ice-warning device and is therefore unsuitable for that purpose.

Indicated temperatures just above the freezing point do not guarantee that the road surface is free of ice. The road may still be icy, especially in wooded areas or on bridges.

Fuel gauge

The fuel gauge is on the left-hand side of the instrument cluster (▷ page 30). Once the fuel level has fallen below the reserve mark, the yellow segment indicator for the fuel reserve comes on.

Driving systems

Introduction

This section describes the following driving systems of your vehicle:

- Cruise control and DISTRONIC Plus
- Hill start assist system
- AIRMATIC
- Active Body Control (ABC)
- All-wheel drive (4MATIC)
- Parktronic system
- Park Assist
- Advanced Parking Guidance
- Rear View Camera
- Night View Assist
- Blind Spot Assist

The ABS, Adaptive Brake, BAS, BAS Plus, EBP, ESP® and PRE-SAFE® Brake driving safety systems are described in the “Safety and security” section (▷ page 69).

Cruise control

The cruise control automatically maintains the speed you set for your vehicle.

The use of the cruise control is recommended for driving at a constant speed for extended periods of time.

The currently set speed or last set speed ("Resume" function) appears in the multifunction display for approximately 5 seconds. The set speed is shown by a triangle in the speedometer and the corresponding speedometer segments from the selected speed to the vehicle maximum speed in the multifunction display are illuminated.

⚠ **Warning!**

The cruise control is a convenience system designed to assist the driver during vehicle operation. The driver is and must always remain responsible for the vehicle's speed and for safe brake operation.

Only use the cruise control if the road, traffic, and weather conditions make it advisable to travel at a constant speed.

- The use of the cruise control can be dangerous on winding roads or in heavy traffic because conditions do not allow safe driving at a constant speed.
- The use of the cruise control can be dangerous on slippery roads. Rapid changes in tire traction can result in wheel spin and loss of control.
- Deactivate the cruise control when driving in fog.

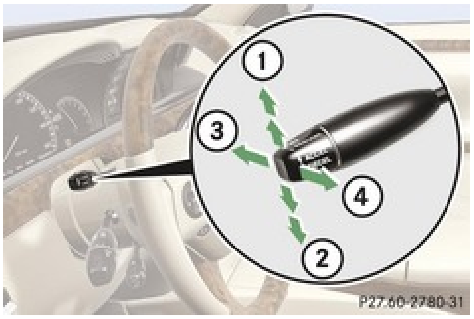
The "Resume" function should only be operated if the driver is fully aware of the previously set speed and wishes to resume this particular preset speed.

⚠ **Warning!**

The cruise control brakes automatically so that the set speed is not exceeded. The brake pedal depresses automatically when the cruise control engages the brakes.

Keep the driver's footwell clear at all times, including the area under the brake pedal. Objects stored in this area may impair pedal movement which could interfere with the braking ability of the cruise control system.

Do not place your foot under the brake pedal – your foot could become caught.



① Setting current or higher speed
② Setting current or lower speed
③ Canceling the cruise control
④ Activating the cruise control or resuming to last set speed

Activating cruise control

You can activate the cruise control at a vehicle speed above 20 mph (30 km/h).

You cannot activate the cruise control:

- when you brake
- when you have engaged the electronic parking brake

▷▷

- when the automatic transmission is in park position **P**, reverse gear **R**, or neutral position **N**
- the ESP® is switched off or has switched off due to a malfunction

The vehicle speed displayed in the speedometer can briefly vary from the speed setting for the cruise control system.

Setting current speed

▶ Accelerate or decelerate to the desired speed.

▶ Briefly lift the cruise control lever in direction of arrow ① or press in direction of arrow ②.

▶ Remove your foot from the accelerator pedal.

ℹ On uphill grades, the cruise control may not be able to maintain the set speed. Once the grade eases, the set speed will be resumed.

On downhill grades, the cruise control maintains the set speed by braking with the vehicle's brake system. In addition, on longer downhill grades the automatic transmission will downshift automatically.

Canceling cruise control

▶ Depress the brake pedal.

or

▶ Briefly push the cruise control lever in direction of arrow ③.
The last set speed is stored for later use.

The last stored speed is deleted from memory when the engine is turned off.

The cruise control switches off automatically when you depress the brake pedal or you engage the electronic parking brake. In this case, the speedometer segments in the multifunction display will go out.

The cruise control also switches off automatically when

- the vehicle speed falls below 20 mph (30 km/h)
- the ESP® is in operation
- the ESP® is switched off with the ESP® switch
- the ESP® has switched off due to a malfunction
- you shift the automatic transmission into neutral position **N** while driving

The speedometer segments in the multifunction display goes out and an acoustic warning will sound. Observe additional messages in the multifunction display that may appear.

Depressing the accelerator pedal does not deactivate the cruise control. After a brief acceleration (e.g. for passing), the cruise control will resume the last set speed.

Changing the set speed

⚠ **Warning!**

Keep in mind that it may take a brief moment until the vehicle has made the necessary adjustments.

Increase or decrease the set vehicle speed to a value that the prevailing road conditions and legal speed limits permit. Otherwise, sudden and unexpected acceleration or deceleration of the vehicle could cause an accident and/or serious injury to you and others.

You can increase or decrease the set speed in 1 mph (Canada: 1 km/h) increments or in 5 mph (Canada: 10 km/h) increments.

When you use the cruise control lever to decelerate, the brake system will brake the vehicle automatically if the engine's braking power does not brake the vehicle sufficiently.

Adjustment in 1 mph (Canada: 1 km/h) increments

ℹ The set speed value is increased or decreased in 1 mph (Canada: 1 km/h) increments each time you lift or press the cruise control lever up or down to the resistance point.

▶ Briefly lift the cruise control lever up to the resistance point in direction of arrow ① to increase or press the cruise control lever down to the resistance point in direction of arrow ② to decrease.

▶ Release the cruise control lever.
The new speed is set and the vehicle will accelerate or decelerate.

Adjustment in 5 mph (Canada: 10 km/h) increments

ℹ The set speed value is increased or decreased in 5 mph (Canada: 10 km/h) increments each time you lift or press the cruise control lever up or down past the resistance point.

▶ Briefly lift the cruise control lever up past the resistance point in direction of arrow ① to increase or press the cruise control lever down past the resistance point in direction of arrow ② to decrease.

▶ Release the cruise control lever.
The new speed is set and the vehicle will accelerate or decelerate. Keep in mind that it may take a brief moment until the vehicle has reached the set speed.

Resume last stored speed

⚠ **Warning!**

The set speed stored in memory should only be set again if prevailing road conditions and legal speed limits permit. Possible acceleration or deceleration differences arising from returning to the preset speed could cause an accident and/or serious injury to you and others.

▶ Briefly pull the cruise control lever in direction of arrow ④.
If no speed is stored, the current speed is set and stored.

▶ Remove your foot from the accelerator pedal.

The last stored speed is deleted from memory when the engine is turned off.

Hill start assist system

⚠ **Warning!**

The hill start assist system is not designed to function as a parking brake and does not prevent the vehicle from moving when parked on an incline.

Always engage the electronic parking brake in addition to shifting the automatic transmission into park position **P**.

On uphill grades with a gradient angle of more than 5°, the hill start assist system maintains the pressure in the brake system for approximately 1 second after you have released the brake pedal. Therefore, you can start off smoothly without the vehicle moving immediately after releasing the brake pedal.

▶ Depress the brake pedal.

▶ Shift the automatic transmission into drive position **D** or reverse gear **R**.

▶ Release the brake pedal.

▶ Carefully depress the accelerator pedal.

The hill start assist system is inactive

- when starting off on a level road or downhill grades
- with the automatic transmission in neutral position **N**

- with the electronic parking brake engaged
- if the ESP® has switched off due to a malfunction

DISTRONIC Plus

Safety notes

When activated, the DISTRONIC Plus adaptive cruise control system increases the driving convenience afforded by the cruise control while traveling on expressways and other major roadways.

- If the DISTRONIC Plus distance sensor detects a slower moving vehicle directly ahead, your vehicle speed will be reduced so that you follow that vehicle at your preset following distance.
- If there is no vehicle directly ahead of you, the DISTRONIC Plus will function in the same way as standard cruise control (▷ page 357).

⚠ Warning!

The DISTRONIC Plus requires familiarity with its operational characteristics. We strongly recommend that you review the following information carefully before operating the system.

⚠ Warning!

The DISTRONIC Plus is a convenience system. Its speed adjustment reduction capability is intended to make cruise control more effective and usable when traffic speeds vary. It is not however, intended to, nor does it, replace the need for extreme care.

The responsibility for the vehicle’s speed, distance to the preceding vehicle and, most importantly, brake operation to ensure a safe stopping distance, always remains with the driver.

The DISTRONIC Plus cannot take street and traffic conditions into account.

Complex driving situations are not always fully recognized by the DISTRONIC Plus. This could result in wrong or missing distance warnings.

⚠ Warning!

The DISTRONIC Plus adaptive cruise control is not a substitute for active driving involvement. It does not react to pedestrians or on stationary objects, nor does it recognize or predict the curvature and lane layout or the movement of preceding vehicles. The DISTRONIC Plus can only apply a maximum of 40% of the vehicle’s braking power.

The DISTRONIC Plus may not detect narrow vehicles possibly driving in front of you, such as motorcycles and vehicles driving in an offset formation.

It is the driver’s responsibility at all times to be attentive to the road, weather and traffic conditions. Additionally, the driver must provide the steering, braking and other driving inputs necessary to remain in control of the vehicle.

High-frequency sources such as toll stations, speed measuring systems etc. can cause the DISTRONIC Plus system to temporarily cease functioning.

⚠ Warning!

The DISTRONIC Plus cannot take road and traffic conditions into account. Only use the DISTRONIC Plus if the road, weather and traffic conditions make it advisable to travel at a constant speed.

⚠ Warning!

Use of the DISTRONIC Plus can be dangerous on slippery roads. Rapid changes in tire traction can result in wheel spin and loss of control.

The DISTRONIC Plus does not function in adverse sight and distance conditions. Do not use the DISTRONIC Plus during conditions of fog, heavy rain, snow or sleet.

⚠ **Warning!**

The DISTRONIC Plus cannot take weather conditions into account. Switch off the DISTRONIC Plus or do not switch it on if:

- roads are slippery or covered with snow or ice. The wheels could lose traction while braking or accelerating, and the vehicle could skid.
- the DISTRONIC Plus system sensor cover is dirty or visibility is diminished due to snow, rain or fog, for example. The distance control system functionality could be impaired.

Always pay attention to surrounding traffic conditions even while the DISTRONIC Plus is switched on. Otherwise, you may not be able to recognize dangerous situations until it is too late. This could cause an accident in which you and/or others could be injured.

⚠ **Warning!**

The “Resume” function should only be operated if the driver is fully aware of the previously set speed and wishes to resume this particular preset speed.

⚠ **Warning!**

Close attention to road and traffic conditions is imperative at all times, regardless of whether or not the DISTRONIC Plus is activated.

Use of the DISTRONIC Plus can be dangerous on winding roads or in heavy traffic because conditions do not allow safe driving at a constant speed.

The DISTRONIC Plus will not react to stationary objects in the roadway (e.g. a stopped vehicle in a traffic jam or a disabled vehicle). The DISTRONIC Plus will also not respond to oncoming vehicles.

Switch off the DISTRONIC Plus:

- when changing from the left to the right lane if vehicles are moving more slowly in the left lane
- when entering a turn lane or highway off ramp
- in complex driving situations, such as in highway construction zones

In these situations, the DISTRONIC Plus will continue to maintain the set speed unless deactivated.

The DISTRONIC Plus is designed and intended only to maintain a set speed and keep a set distance from moving objects in front of it.

The DISTRONIC Plus functions in a speed range of 0 to 120 mph (Canada: 0 to 200 km/h).

Do not use the DISTRONIC Plus if you are driving on a road with steep uphill or downhill slopes.

When traveling in Canada in a vehicle not registered in Canada, you must switch off the radar sensor system (▷ page 253). Canadian law does not permit the use of the radar sensor system for vehicles from outside of Canada. When you switch off the radar sensor

▷▷

Driving systems

system, the following functions are deactivated:

- DISTRONIC Plus
- BAS Plus (▷ page 70)
- PRE-SAFE® Brake(▷ page 76)
- Park Assist (▷ page 379)
- Advanced Parking Guidance (▷ page 383)
- Blind Spot Assist (▷ page 392)

ℹ Due to its radar-emitting nature DISTRONIC Plus may have an appearance similar to a radar detector to law enforcement officials. You may want to refer to this section of your Operator's Manual when asked.

ℹ USA only:

This device has been approved by the FCC as a "Vehicular Radar System". The radar sensor is intended for use in an automotive radar system only. Removal, tampering, or altering of the device will void any warranties, and is not permitted by the FCC. Do not tamper with, alter, or use in any non-approved way.

Any unauthorized modification to this device could void the user's authority to operate the equipment.

ℹ Canada only:

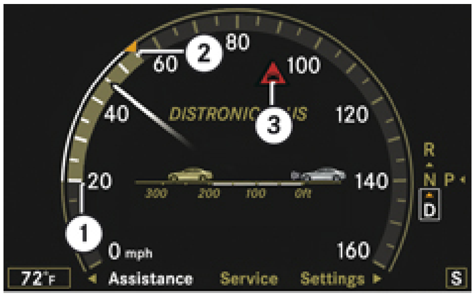
This device complies with RSS-210 of Industry Canada. Operation is subject to the following two conditions:

1. This device may not cause interference, and
2. this device must accept any interference received, including interference that may cause undesired operation of the device.

Removal, tampering, or altering of the device will void any warranties, and is not permitted. Do not tamper with, alter, or use in any non-approved way.

Any unauthorized modification to this device could void the user's authority to operate the equipment.

DISTRONIC Plus displays in multifunction display



P54.32-4401-31

① Speed of the vehicle ahead

② Set speed

③ Distance warning lamp

If the DISTRONIC Plus is activated, the marker ② indicates the set speed.

The vehicle speed displayed on the speedometer can briefly vary from the speed setting on the DISTRONIC Plus system.

If the DISTRONIC Plus detects a vehicle directly ahead, the ring on the speedometer dial comes on between the speed of the vehicle ahead ① and the set speed ②.

If the DISTRONIC Plus calculates that there is a danger of collision, the distance warning lamp ⚠ in the instrument cluster comes on and an intermittent warning sounds.

- ▶ Immediately apply the brake to avoid a collision.
  Under no circumstances should the driver await the intermittent warning sound before braking. See the following warning note.

  The intermittent warning sound ceases and the distance warning lamp ⚠ goes out when the necessary distance to the vehicle ahead is again established.

⚠ Warning!

An intermittent warning sounds and the distance warning lamp ⚠ in the instrument cluster is illuminated if the DISTRONIC Plus system calculates that the distance to the vehicle ahead and your vehicle's current speed indicate that the DISTRONIC Plus will not be capable of slowing the vehicle sufficiently to maintain the preset following distance, which creates a danger of a collision.

Immediately brake the vehicle to increase your distance to the preceding vehicle. The warning sound is intended as a final caution in which you should intercede with your own braking inputs to avoid a potentially dangerous situation. Do not wait for the operation of the warning signal to intercede with your own braking. This will result in potentially dangerous emergency braking which will not always result in an impact being avoided.

Tailgating increases the risk of an accident.

⚠ Warning!

The DISTRONIC Plus brakes your vehicle with a maximum deceleration of 13 ft/s^2 (4 m/s^2). This corresponds to approximately 40% of the maximum deceleration of your vehicle.

You must also apply the brakes yourself to avoid a collision. The DISTRONIC Plus brakes the vehicle in an effort to restore the preset distance or to maintain the set speed. The brake pedal is automatically applied as this happens which results in the brake pedal moving

Keep driver's foot area clear at all times, including the area under the brake pedal. Objects stored in this area may impair pedal movement which could interfere with the braking ability of the DISTRONIC Plus system.

Do not place your foot under the brake pedal – your foot could become caught.

⚠ Warning!

If you do not receive visual or acoustic warning signals during a critical traffic situation, DISTRONIC Plus has either not recognized the collision risk, has been deactivated or is malfunctioning.

Remember, whether or not DISTRONIC Plus is operating, it is ultimately always the drivers responsibility to apply the brakes in order to control the vehicle and avoid a collision.

Displaying the distance graphic

In the `Assistance` menu under `Distance Display` you see the current settings for DISTRONIC Plus. The Information shown in the multifunction display depends on whether DISTRONIC Plus is activated or deactivated.

For activating or deactivating the DISTRONIC Plus system, see "Activating DISTRONIC Plus" (▷ page 365) or "Deactivating DISTRONIC Plus" (▷ page 369).

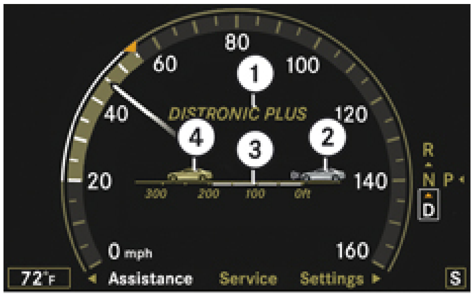
The menu overview can be found on (▷ page 240).

▷▷

- ▶ Press ◀ or ▶ to select the `Assistance` menu.
- ▶ Press ▼ or ▲ to select the `Distance Display` function.
- ▶ Press OK.
  The DISTRONIC Plus distance graphic appears and you will see one of the following displays in the multifunction display.

DISTRONIC Plus activated

When the DISTRONIC Plus is activated, you will see the set speed in the multifunction display for approximately 5 seconds. The following display appears in the multifunction display.

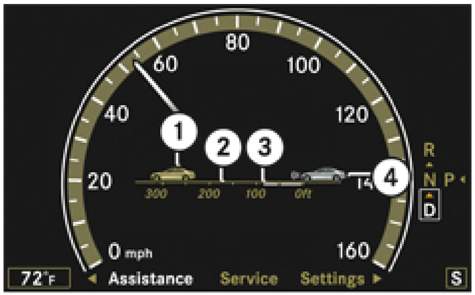

80
60
100
40
120
20
140
0 mph
160
DISTRONIC PLUS
1
2
3
4
300
200
100
0ft
R
N
P
D
72°F
Assistance
Service
Settings
S

P54.32-4402-31

① DISTRONIC Plus activated
② Your vehicle
③ Preset distance threshold to the preceding vehicle
④ Preceding vehicle, if detected

DISTRONIC Plus deactivated

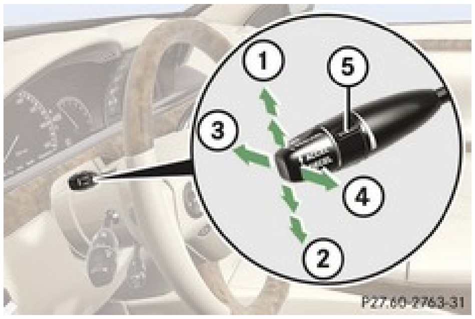
When the DISTRONIC Plus is deactivated, you will see the standard DISTRONIC Plus display in the multifunction display.


80
60
100
40
120
20
0 mph
160
1
2
3
4
300
200
100
0ft
R
N
P
D
72°F
Assistance
Service
Settings
S

P54.32-4403-31

① Preceding vehicle, if detected
② Actual distance to the preceding vehicle
③ Preset distance threshold to the preceding vehicle
④ Your vehicle

DISTRONIC Plus lever



① Setting current or higher speed
② Setting current or lower speed
③ Deactivating the DISTRONIC Plus
④ Activating the DISTRONIC Plus or resuming to the last set speed
⑤ Setting target distance

Activating DISTRONIC Plus

⚠ **Warning!**

When the DISTRONIC Plus is braking, the brake pedal is retracted (i.e. depressed automatically). The pedals' range of motion must not be impeded by any obstacles:

- Do not place any objects in the footwell.
- Make sure that the floor mats and carpets are securely in place.
- Do not rest your foot underneath the brake pedal, as it could otherwise be trapped.

You could otherwise cause an accident and injure yourself and/or others.

⚠ **Warning!**

When the DISTRONIC Plus is switched on, the vehicle can be braked. You should therefore switch off the DISTRONIC Plus if the vehicle must be towed.

You can activate the DISTRONIC Plus when the vehicle speed is above 20 mph (30 km/h).

It is also possible to activate the DISTRONIC Plus when the vehicle speed is below 20 mph (30 km/h) and the DISTRONIC Plus has detected a preceding vehicle.

The maximum vehicle speed you can set is 120 mph (Canada: 200 km/h).

When the DISTRONIC Plus is activated, the set speed is indicated with a marker in the speedometer dial (▷ page 362).

If the DISTRONIC Plus is not activated after the DISTRONIC Plus lever is pulled in direction of arrow ④ (▷ page 365), you will see the message: `DISTRONIC PLUS --- mph` (Canada: `DISTRONIC PLUS --- kmh`) in the multifunction display.

In the following cases you cannot activate the DISTRONIC Plus:

- up to 2 minutes after starting the engine
- if the engine is switched off
- if you step on the brake pedal while driving
- the vehicle is secured with the electronic parking brake
- when the automatic transmission is in park position **P**, reverse gear **R**, or neutral position **N**
- if the ESP® is switched off or has switched off due to a malfunction
- if the hood is open

▷▷

- if the driver's door is open and the driver has not fastened his or her seat belt
- if the radar sensors are switched off (▷ page 253)

Switching on while driving

▶ Tap the DISTRONIC Plus lever up ① or down ② until desired speed is set.
The DISTRONIC Plus is switched on.

or

▶ Pull the DISTRONIC Plus lever briefly in direction of arrow ④ to call up the last set speed, or if no speed is stored, to set and store the current speed.
The DISTRONIC Plus is switched on.

▶ Remove your foot from the accelerator pedal.
Your vehicle adapts its speed to the preceding vehicle, observing the set speed as a maximum value.

Below 20 mph (30 km/h), you can only switch on the DISTRONIC Plus if the preceding vehicle has been detected and is shown in the multifunction display. If you no longer see the preceding vehicle in the multifunction display and if it is no longer detected because it has changed lanes, for example, the DISTRONIC Plus switches off and a signal sounds.

If you do not completely remove your foot from the accelerator pedal, the message `DISTRONIC PLUS Override` appears in the multifunction display. The distance to a slower-driving vehicle will not be set. You will drive at the speed you dictate by pressing the accelerator pedal.

Switching on when approaching a stationary vehicle

If the preceding vehicle is stationary, you can only switch on the DISTRONIC Plus if your vehicle is also at a standstill.

▶ Tap the DISTRONIC Plus lever up ① or down ② until desired speed is set.
The DISTRONIC Plus is switched on.

or

▶ Pull the DISTRONIC Plus lever briefly in direction of arrow ④ to call up the last set speed, or if no speed is stored, to set and store the current speed.
The DISTRONIC Plus is switched on.

It is helpful to switch on the DISTRONIC Plus display in the multifunction display (▷ page 363) since you can only switch on the DISTRONIC Plus below a speed of 20 mph (30 km/h) when a preceding vehicle is detected.

You can adjust the set speed using the DISTRONIC Plus lever and the target distance using the distance setting switch on the DISTRONIC Plus lever (▷ page 370).

ℹ If the DISTRONIC Plus is switched off, the PRE-SAFE® Brake (▷ page 76) will warn of an impending collision if this function has been activated with the instrument cluster control system (▷ page 250).

Starting off

When the preceding vehicle starts off:

▶ Remove your foot from the brake pedal.

▶ Pull the DISTRONIC Plus lever briefly in direction of arrow ④.

or

▶ Briefly step on the accelerator pedal.

Your vehicle starts off and adapts its speed to the preceding vehicle.

Driving

If there is no preceding vehicle, the DISTRONIC Plus functions like the cruise control (▷ page 357).

When the DISTRONIC Plus detects that the preceding vehicle is driving more slowly, it brakes the vehicle in order to keep the distance specified by you.

When the DISTRONIC Plus detects that the preceding vehicle is driving faster, it accelerates the vehicle up to the set speed.

⚠ **Warning!**

When you step on the brake pedal, you switch off the DISTRONIC Plus except when the vehicle is at a standstill. The DISTRONIC Plus will no longer brake your vehicle. You are always responsible for maintaining a distance from other vehicles, observing road speeds and braking well in advance.

Stopping

⚠ **Warning!**

The braking effect of the DISTRONIC Plus is canceled and the vehicle can start to roll if

- the DISTRONIC Plus is switched off using the DISTRONIC Plus lever
- you accelerate
- the DISTRONIC Plus system or the power supply is malfunctioning, e.g. due to battery failure
- the electrical components in the engine compartment or the fuses have been manipulated
- the battery is disconnected

⚠ **Warning!**

Never get out of the vehicle while the DISTRONIC Plus is switched on!

The DISTRONIC Plus must never be operated or switched off by passengers or from outside the vehicle.

The DISTRONIC Plus is not a substitute for the electronic parking brake and may not be used for parking.

When you get out of the vehicle or switch off the engine, deactivate the DISTRONIC Plus and secure the vehicle from rolling away by engaging the electronic parking brake.

When the DISTRONIC Plus detects that the preceding vehicle is stopping, the vehicle brakes until it also stops.

Once the DISTRONIC Plus has stopped the vehicle and it is at a standstill, it remains stationary; the brake pedal does not need to be depressed.

After a short while, the vehicle is secured in place by the electronic parking brake so that the operating brake can be relieved of load.

Depending on the following distance set using the distance setting switch on the DISTRONIC Plus lever (▷ page 370), the vehicle will stop approximately 13.1 ft away from the preceding vehicle.

Setting the current speed

- ▶ Accelerate or decelerate to the desired speed.
- ▶ Briefly lift the DISTRONIC Plus lever in direction of arrow ① or depress in direction of arrow ② (▷ page 365).
  The current speed is set.
- ▶ Remove your foot from the accelerator pedal.

ℹ If you do not take your foot off of the accelerator pedal and continue to accelerate past the set speed, the following message will appear in the multifunction display:

`DISTRONIC PLUS Override`

The distance to a slower moving vehicle in front of you will not be set. Your vehicle

▷▷

speed will then be determined only by the accelerator pedal position.

Setting a higher speed

⚠ **Warning!**

Keep in mind that it may take a brief moment until the vehicle has made the necessary adjustments.

Increase the set vehicle speed to a value that the prevailing road conditions and legal speed limits permit. Otherwise, sudden and unexpected acceleration of the vehicle could cause an accident and/or serious injury to you and others.

You can increase the set speed in 1 mph (Canada: 1 km/h) increments or in 5 mph (Canada: 10 km/h) increments.

Adjustment in 1 mph (Canada: 1 km/h) increments

- Briefly lift the DISTRONIC Plus lever up to the resistance point in direction of arrow ① (▷ page 365).
- Release the DISTRONIC Plus lever.
  The vehicle set speed increases in increments of 1 mph (Canada: 1 km/h) each time you lift the DISTRONIC Plus lever up to the resistance point.

Adjustment in 5 mph (Canada: 10 km/h) increments

- Briefly lift the DISTRONIC Plus lever up past the resistance point in direction of arrow ① (▷ page 365).
- Release the DISTRONIC Plus lever.
  The vehicle set speed increases in increments of 5 mph (Canada: 10 km/h) each time you lift the DISTRONIC Plus lever up past the resistance point.

  The new speed is set and the vehicle will accelerate. Keep in mind that it may take a brief moment until the vehicle has reached the set speed.

Setting a lower speed

⚠ **Warning!**

Keep in mind that it may take a brief moment until the vehicle has made the necessary adjustments.

Decrease the set vehicle speed to a value that the prevailing road conditions and legal speed limits permit. Otherwise, sudden and unexpected deceleration of the vehicle could cause an accident and/or serious injury to you and others.

ℹ When you use the DISTRONIC Plus lever to decelerate, the brake system will automatically brake the vehicle if the engine’s braking power does not brake the vehicle sufficiently.

You can reduce the set speed in 1 mph (Canada: 1 km/h) increments or in 5 mph (Canada: 10 km/h) increments.

Adjustment in 1 mph (Canada: 1 km/h) increments

- Briefly press the DISTRONIC Plus lever down to the resistance point in direction of arrow ② (▷ page 365).
- Release the DISTRONIC Plus lever.
  The vehicle set speed decreases in increments of 1 mph (Canada: 1 km/h) each time you press the DISTRONIC Plus lever down to the resistance point.

Adjustment in 5 mph (Canada: 10 km/h) increments

- ▶ Briefly press the DISTRONIC Plus lever down past the resistance point in direction of arrow ② (▷ page 365).
- ▶ Release the DISTRONIC Plus lever.
  The vehicle set speed decreases in increments of 5 mph (Canada: 10 km/h) each time you press the DISTRONIC Plus lever down past the resistance point.

  The new speed is set and the vehicle will decelerate. Keep in mind that it may take a brief moment until the vehicle has reached the set speed.

Setting stored speed (Resume function)

⚠ **Warning!**

The set speed stored in memory should only be set again if prevailing road conditions and legal speed limits permit. Possible acceleration or deceleration differences arising from returning to the preset speed could cause an accident and/or serious injury to you and others.

- ▶ Briefly pull the DISTRONIC Plus lever in direction of arrow ④ (▷ page 365).
  The DISTRONIC Plus is activated and resumes to the last set speed or, if no speed is stored, it will set and store the current speed.
- ▶ Remove your foot from the accelerator pedal.

Deactivating DISTRONIC Plus

- ▶ Depress the brake pedal.

or

- ▶ Briefly push the DISTRONIC Plus lever in direction of arrow ③ (▷ page 365).
  The last set speed is stored for later use.

The last stored speed is deleted from memory when the engine is turned off.

The DISTRONIC Plus switches off automatically when

- the vehicle is secured with the electronic parking brake
- the vehicle speed falls below 20 mph (30 km/h) and no preceding vehicle is detected
- the ESP® is in operation, or switched off with the ESP® switch (▷ page 74), or the ESP® has switched off due to a malfunction
- you shift the automatic transmission into park position **P**, reverse gear **R**, or neutral position **N** while driving
- the radar sensors are switched off (▷ page 253)
- the vehicle rolls backward

The marker for the set speed on the speedometer dial go out, an acoustic signal sounds, and the message `DISTRONIC PLUS Off` appears in the multifunction display for approximately 5 seconds.

If the vehicle has been stopped by the DISTRONIC Plus and a malfunction occurs in the DISTRONIC Plus system, the message `Brake Immediately` will appear in the multifunction display. Step on the brake pedal immediately to prevent the vehicle from rolling. The DISTRONIC Plus is then switched off and the message disappears.

⚠ **Warning!**

The DISTRONIC Plus switches off and releases the brakes when the vehicle decelerates below the minimum speed of 20 mph (30 km/h) by operation of the system unless the DISTRONIC Plus detects a vehicle directly ahead of you. At that time the driver must apply the brakes in order to

▷▷

reduce vehicle speed further or bring it to a stop.

Depressing the accelerator pedal does not deactivate the DISTRONIC Plus. After a brief acceleration (e.g. for passing), the DISTRONIC Plus will resume the last set speed.

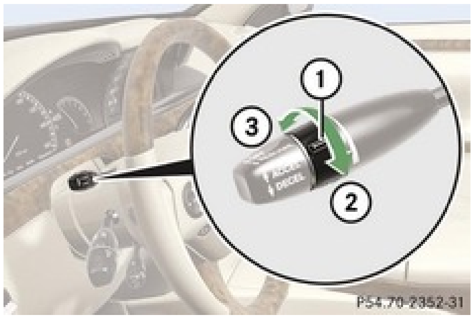
Setting the following distance in DISTRONIC Plus

You can set the specified following distance for the DISTRONIC Plus by varying the time setting between 1.0 and 2.0 seconds. Using this time setting and the current speed of your vehicle, the DISTRONIC Plus calculates and sets the required following distance to the preceding vehicle.

The set distance will be shown in the multifunction display.

⚠ Warning!

It is up to the driver to exercise discretion to select the appropriate setting given road conditions, traffic, driver's preferred driving style and applicable laws and driving recommendations for safe following distance.



① Distance setting switch for target distance

② To increase target distance

③ To decrease target distance

▶ **Increasing distance:** Turn distance setting switch ① in direction of arrow ②. Increasing the distance setting tells the DISTRONIC Plus to maintain a greater following distance to the preceding vehicle.

▶ **Decreasing distance:** Turn distance setting switch ① in direction of arrow ③. Decreasing the distance setting tells the DISTRONIC Plus to maintain a shorter following distance to the preceding vehicle.

Driving with DISTRONIC Plus

This section describes a number of driving situations where special precaution is required on the part of the driver. Be prepared to brake in such situations. Braking will deactivate the DISTRONIC Plus system.

⚠ Warning!

The DISTRONIC Plus works to maintain the speed selected by the driver unless a moving obstacle proceeding directly ahead of it in the same travel direction is detected (e.g. following another vehicle ahead of you at your set distance).

This means that:

- Your vehicle can pass another vehicle after you have changed lanes.
- While in a sharp turn or if the preceding vehicle is in a sharp turn, the DISTRONIC Plus could lose sight of the preceding vehicle. Your vehicle could then accelerate to the previously selected speed.

The DISTRONIC Plus regulates only the distance between your vehicle and those directly ahead of it. It may not register stationary objects in the road, e.g.:

- a stopped vehicle in a traffic jam
- a disabled vehicle
- an oncoming vehicle

The driver must always be alert, observe all traffic and intercede as required by means of steering or braking the vehicle.

⚠ **Warning!**

The DISTRONIC Plus should not be used in snowy or icy road conditions.

The most likely cause for a malfunctioning system is a dirty sensor (located in the hood grille and in the bumper), especially at times of snow and ice or heavy rain.

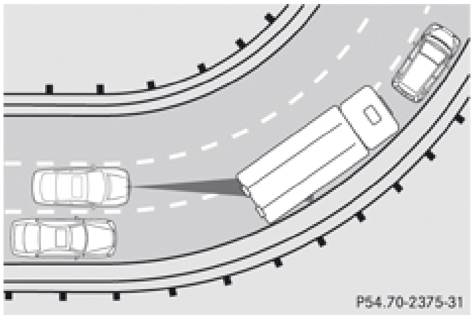
In such a case, the DISTRONIC Plus will switch off, and the message `DISTRONIC PLUS Currently Unavailable See Oper. Manual` appears in the multifunction display.

For cleaning and care of the sensors, see (▷ page 486).

ℹ If the message `DISTRONIC PLUS Currently Unavailable See Oper. Manual` disappears during driving and the last speed stored flashes for approximately 5 seconds, the dirt (e.g. slush) has dissolved; the DISTRONIC Plus is available again.

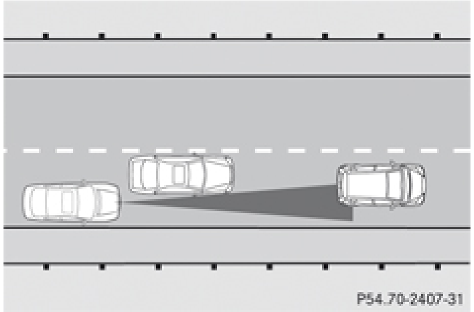
Another cause might be that the radar sensors have been manually switched off in the instrument cluster control system. Please verify that the radar sensors are switched on (▷ page 253).

Turns and bends


P54.70-2375-31

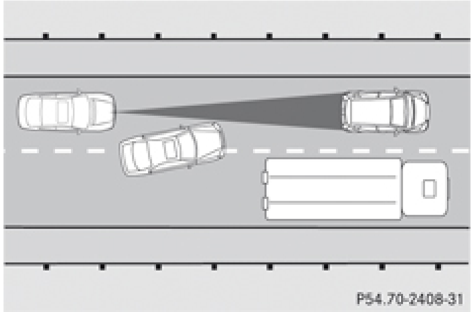
In turns or bends, the DISTRONIC Plus may not detect a preceding vehicle, or it may detect one too soon. This may cause your vehicle to brake late or unexpectedly.

Offset driving


P54.70-2407-31

A vehicle traveling in your lane but offset from your direct line of travel may not be detected by the DISTRONIC Plus. There will be insufficient distance to the preceding vehicle.

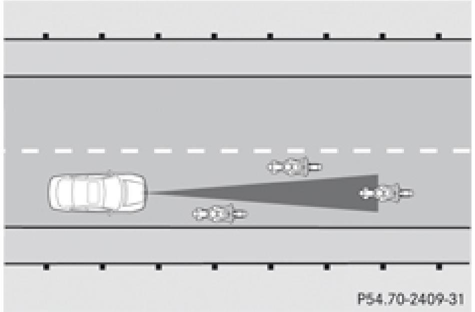
Lane changing


P54.70-2408-31

Driving systems

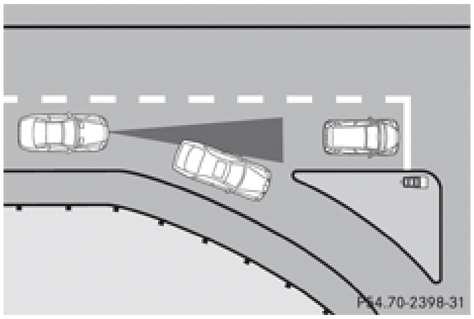
The DISTRONIC Plus has not yet detected the vehicle changing lanes. There will be insufficient distance to the lane-changing vehicle.

Narrow vehicles



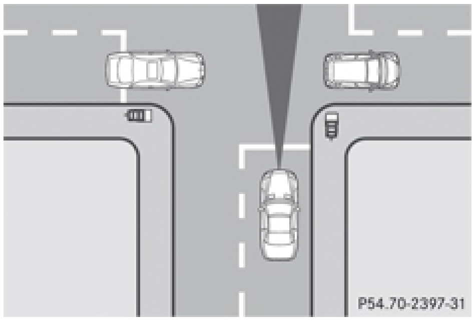
Because of their narrow profile, the vehicles traveling near the outer edges of the lane have not yet been detected by the DISTRONIC Plus. There will be insufficient distance to the preceding vehicles.

Obstacles and stationary vehicles



The DISTRONIC Plus does not brake for obstacles or stationary vehicles. If, for example, the vehicle detected in front of you changes lanes to bypass an obstacle or stationary vehicle in front of it, the DISTRONIC Plus will not brake for the obstacle or stationary vehicle.

Cross-traffic



The DISTRONIC Plus may inadvertently detect crossing vehicles. If you switch on the DISTRONIC Plus, for example, at a traffic light with cross traffic, the vehicle may suddenly start to drive off.

AIRMATIC

Introduction

The AIRMATIC consists of two components. The Adaptive Damping System (ADS) (▷ page 373) and the vehicle level control (▷ page 373).

Adaptive Damping System (ADS)

The fine tuning of the damping is dependent on:

- road surface conditions
- your driving style
- vehicle loading
- your personal settings

The program mode selector switch (**C/S**) (▷ page 351) is used to adjust the suspension tuning.

Driving program	Suspension tuning
C Comfort	comfortable (default setting)
S Sport	sporty for dynamic driving

▶ Start the engine.

▶ Press the program mode selector switch (**C/S**) (▷ page 351) to select the desired driving program.

Vehicle level control

⚠ **Warning!**

To help avoid personal injury, keep hands and feet away from wheel housing area, and stay away from under the vehicle when lowering the vehicle chassis.

Your vehicle automatically adjusts its ride height to increase vehicle safety and to reduce fuel consumption.

You can choose between raised or normal level.

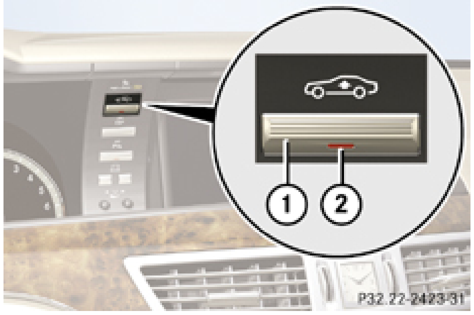
The vehicle chassis ride height is raised or lowered according to the selected level setting and to the vehicle speed. With increasing speed, ride height is reduced by up to approximately 0.8 in (20 mm). With decreasing speed, the ride height is again raised to the selected vehicle level.

ℹ These height adjustment are so small that you may not notice any change.

Select the raised level only when required by current driving conditions. Otherwise, the handling may be impaired and the fuel consumption may increase.

The following vehicle level settings can be selected when the vehicle is stationary and the engine is running:

Level	
Normal	For driving on normal roads. The indicator lamp is off.
Raised	For driving on rough roads or with snow chains. The indicator lamp is on



① Vehicle level control switch

② Indicator lamp

- ▶ Start the engine.
- ▶ Briefly press switch ① to change from one level setting to the other.

  The message: `Vehicle Rising` appears in the multifunction display when changing from normal level to raised level. Indicator lamp ② is then lit. The message disappears when the vehicle is raised.
- ▶ Press switch ① again to lower the vehicle.

The setting raised is canceled and the vehicle is lowered to the regular level automatically if the vehicle speed is above 75 mph (120 km/h) or if the vehicle speed stays between 50 mph (80 km/h) and 75 mph (120 km/h) for approximately 3 minutes. Indicator lamp ② in switch ① goes out.

If you do not drive in this speed range, the selected vehicle level setting remains stored in memory even if the SmartKey is removed from the starter switch.

Active Body Control (ABC)

The ABC system is an active, computer-controlled system that hydraulically adjusts the suspension at all four wheels in response to various driving situations. It automatically selects the optimum suspension tuning and ride height for your vehicle.

⚠ **Warning!**

When you turn off the engine, the entire vehicle is lowered. You should therefore make sure that no one is near the wheel housing or under the vehicle when you turn off the engine. Otherwise, parts of the individuals body could be trapped.

! When you turn off the engine, the entire vehicle is lowered. When parking, position your vehicle in such a way that it will not scrape against a curb, for example, when it is lowered. Your vehicle could otherwise be damaged.

ℹ S 63 AMG and S 65 AMG only:
When you turn off the engine, the entire vehicle is lowered by 0.2 in (5 mm).

Vehicle level control

⚠ **Warning!**

To help avoid personal injury, keep hands and feet away from wheel housing area, and stay away from under the vehicle when lowering the vehicle chassis.

Your vehicle adjusts its ride height automatically to increase vehicle safety and to reduce fuel consumption.

The vehicle chassis ride height is raised or lowered according to the selected level setting and to the vehicle speed. With increasing speed, the ride height is reduced by up to approximately 0.6 in (15 mm). With decreasing speed, the ride height is again raised to the selected vehicle level.

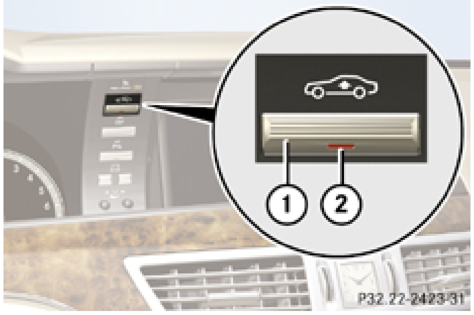
These height adjustments are so small that you may not notice any change.

The following vehicle level settings can be selected when the vehicle is stationary:

Level	
Normal	For driving on normal roads. The indicator lamp is off.
Raised	For driving on rough roads or with snow chains. The indicator lamp is on.

Select the “Raised” level setting only when required by current driving conditions. Otherwise the fuel consumption may increase and/or the handling may be impaired.

ℹ The selected vehicle level setting remains stored in memory, even when the engine is turned off and restarted.



① Vehicle level control switch

② Indicator lamp

▶ Start the engine.

Selecting a higher level

If indicator lamp ② is off:

▶ Press switch ①.
Indicator lamp ② comes on. The vehicle is raised to a higher level.

Selecting a normal level

If indicator lamp ② is on:

▶ Press switch ①.
Indicator lamp ② goes out. The vehicle is adjusted to a normal level.

Suspension tuning

The suspension tuning is set according to:

- your driving style
- road surface conditions
- the vehicle loading
- your choice of suspension style

The program mode selector switch (**C/S**) (▷ page 350) or (**S/C/M**) (▷ page 350) is used to adjust the suspension tuning.

Driving program	Suspension tuning
C Comfort	comfortable (default setting)
S Sport **M** Manual	sporty for dynamic driving

▶ Start the engine.

▶ Select the desired driving program.

Driving systems

All-wheel drive (4MATIC)

Your vehicle is equipped with all-wheel drive (4MATIC). Both, the front and rear axles, are powered at all times when the vehicle is being operated. The 4MATIC improves traction in conjunction with the ESP® (▷ page 73) and the Electronic Traction System (ETS/4-ETS) (▷ page 74).

⚠ **Warning!**

If a drive wheel is spinning due to insufficient traction:

- While driving off, apply as little throttle as possible.
- While driving, ease up on the accelerator pedal.
- Adapt your speed and driving style to the prevailing road conditions.

Failure to observe these guidelines could cause the vehicle to skid.

The 4MATIC cannot prevent accidents resulting from excessive speed.

! Do not tow with one axle raised. Doing so could damage the transfer case, which is not covered by the Mercedes-Benz Limited Warranty. All wheels must be on or off the ground. Observe instructions for towing the vehicle with all wheels on the ground.

! Only conduct operational or performance tests on a two-axle dynamometer. If such tests are necessary, contact an authorized Mercedes-Benz Center. You could otherwise seriously damage the brake system and/or the transfer case which is not covered by the Mercedes-Benz Limited Warranty.

ℹ In winter operation, the maximum effectiveness of the 4MATIC is only achieved with winter tires (▷ page 473) or snow chains as required.

Parktronic system

The Parktronic system is an electronic parking aid with ultrasonic sensors designed to assist the driver during parking maneuvers. It indicates the relative distance between the vehicle and an obstacle visually and audibly.

The Parktronic system is activated automatically when you

- switch on the ignition

  and
- release the electronic parking brake

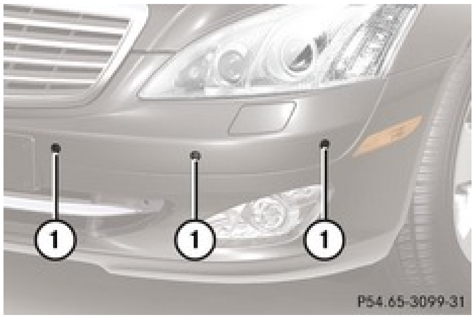
  or
- start the engine

  and
- shift the automatic transmission into drive position **D**, reverse gear **R**, or neutral position **N**

The Parktronic system deactivates at speeds above approximately 11 mph (18 km/h). At lower speeds, the Parktronic system switches on again.

The Parktronic system also deactivates when you shift the automatic transmission into park position **P** or engage the electronic parking brake and turn off the engine.

The Parktronic system monitors the surroundings of your vehicle with six sensors in the front bumper and four sensors in the rear bumper.



① Sensors in the front bumper (Only visible without DISTRONIC Plus)

To function properly, the sensors must be free of dirt, ice, snow and slush. Clean the sensors regularly, being careful not to scratch or damage the sensors, see “Cleaning the Parktronic system sensors” (▷ page 486).

⚠ Warning!

The Parktronic is a supplemental system. It is not intended to, nor does it replace, the need for extreme care. The responsibility during parking and other critical maneuvers always remains with the driver.

⚠ Warning!

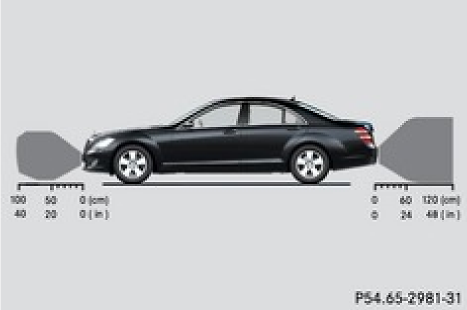
Make sure no persons or animals are in or near the area in which you are parking/maneuvering. Otherwise, they could be injured.

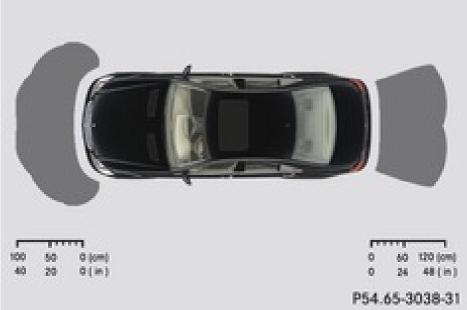
! Special attention must be paid to objects with smooth surfaces or low silhouettes (e.g. trailer couplings, painted posts, elevated crossbars or road curbs). Such objects may not be detected by the system and can damage the vehicle.

During parking maneuvers, pay special attention to objects located above or below the height of the sensors (e.g. street curbs, painted posts, or trailer hitches etc.). The Parktronic system will not detect such objects at close range and damage to your vehicle or the object may result.

! Ultrasonic signals from outside sources (e.g. truck air brakes, car wash, or jackhammers) may impair the operation of the Parktronic system.

Range of the sensors





Front sensors

Center	approx. 40 in (100 cm)
Corners	approx. 24 in (60 cm)

Driving systems

Rear sensors

Center	approx. 48 in (120 cm)
Corners	approx. 32 in (80 cm)

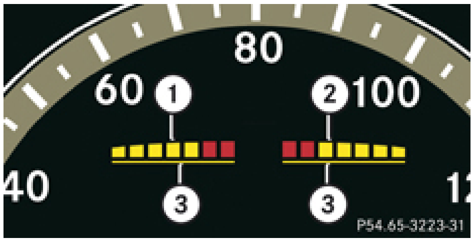
Minimum distance

Center	approx. 8 in (20 cm)
Corners	approx. 6 in (15 cm)

If the Parktronic system detects an obstacle in this range, all the distance warning segments illuminate and you hear a warning signal. If the obstacle is closer than the minimum distance, the actual distance may no longer be indicated by the Parktronic system.

Warning indicators

Visual signals indicate to the driver the relative distance between the sensors and an obstacle.



① Left side of the vehicle
② Right side of the vehicle
③ Readiness indicators

Each warning indicator is divided into five yellow and two red distance segments for either side of the vehicle. The Parktronic system is ready to measure when the yellow readiness indicators ③ are illuminated.

The current transmission position determines which warning indicator will be activated.

Current transmission position	Warning indicator
D	Front area activated
R	Front and rear area activated
N	With the electronic parking brake engaged: neither activated With the electronic parking brake released: front and rear area activated

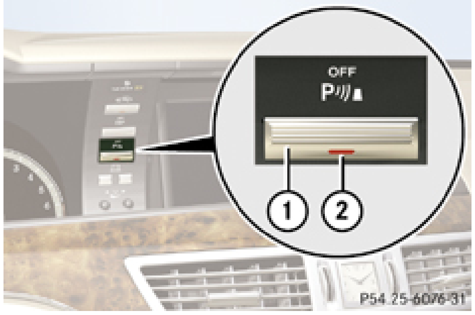
As your vehicle approaches an object, one or more distance segments will illuminate, depending on the distance. When the seventh distance segment illuminates, you have reached the minimum distance.

- **Front area:** An intermittent acoustic warning will sound as the first red distance segment illuminates and a constant acoustic warning lasting a maximum of 2 seconds will sound for the second red distance segment. The signal is canceled when the automatic transmission is shifted into park position **P**.

- **Rear area:** An intermittent acoustic warning will sound as the first red distance segment illuminates and a constant acoustic warning lasting a maximum of 2 seconds will sound for the second red distance segment. The signal is canceled when the automatic transmission is shifted into drive position **D** or park position **P**.

Switching the Parktronic system on/off

The Parktronic system switches on automatically when the ignition is switched on.



① Parktronic switch
② Indicator lamp

▶ **Switching off Parktronic system:** Press Parktronic switch ①.
Indicator lamp ② comes on.

▶ **Switching on Parktronic system:** Press Parktronic switch ① again.

Parktronic system malfunction

There is a malfunction in the Parktronic system, if only the red distance segments illuminate and an acoustic warning sounds. The Parktronic system will switch off automatically after 20 seconds and indicator lamp ② in Parktronic switch ① comes on.

▶ Have the Parktronic system checked at an authorized Mercedes-Benz Center as soon as possible.

If only the red distance segments illuminate and no acoustic warning sounds, the Parktronic system sensors are dirty (e.g. dirt, ice, snow and slush) or there is an interference from other radio or ultrasonic signals (e.g. truck air brakes, car wash, or jackhammers). The Parktronic system will switch off automatically after 20 seconds and indicator lamp ② in Parktronic switch ① comes on.

▶ Switch off the ignition.

▶ Clean the Parktronic system sensors (▷ page 486).

▶ Switch on the ignition.

or

▶ Check the Parktronic system operation at another location to rule out interference from outside radio or ultrasonic signals.

Park Assist

⚠ **Warning!**

The Park Assist is a supplemental system. It is not intended to, nor does it replace, the need for extreme care. The responsibility during parking and other critical maneuvers always remains with the driver.

⚠ **Warning!**

Make sure no persons or animals are in the area in which you are maneuvering. You could otherwise injure them.

! Special attention must be paid to objects with smooth surfaces or low silhouettes (e.g. trailer couplings, painted posts, elevated crossbars or road curbs). Such

▷▷

objects may not be detected by the system and can damage the vehicle.

ℹ USA only:
This device has been approved by the FCC as a “Vehicular Radar System”. The radar sensor is intended for use in an automotive radar system only. Removal, tampering, or altering of the device will void any warranties, and is not permitted by the FCC. Do not tamper with, alter, or use in any non-approved way.

Any unauthorized modification to this device could void the user’s authority to operate the equipment.

ℹ Canada only:
This device complies with RSS-210 of Industry Canada. Operation is subject to the following two conditions:

1. This device may not cause interference, and
2. this device must accept any interference received, including interference that may cause undesired operation of the device.

Removal, tampering, or altering of the device will void any warranties, and is not permitted. Do not tamper with, alter, or use in any non-approved way.

Any unauthorized modification to this device could void the user’s authority to operate the equipment.

When traveling in Canada in a vehicle not registered in Canada, you must switch off the radar sensor system (▷ page 253). Canadian law does not permit the use of the radar sensor system for vehicles from outside of Canada. When you switch off the radar sensor system, the following functions are deactivated:

- Park Assist
- BAS Plus (▷ page 70)
- PRE-SAFE® Brake (▷ page 76)
- DISTRONIC Plus (▷ page 360)
- Advanced Parking Guidance (▷ page 383)
- Blind Spot Assist (▷ page 392)

! The operational function of the Park Assist system can be affected by dirty sensors, especially at times of snow and ice.

Make sure that the area on the bumpers around the sensors is free of dirt, ice and/ or slush, otherwise the Park Assist may not function properly.

For cleaning the driving systems sensors, see (▷ page 486).

! High-frequency sources such as toll stations, speed measuring systems, etc. can cause the Park Assist system to malfunction. You can switch off the Park Assist using the Park Assist button or switch off the radar sensors with the instrument cluster control system to prevent possible malfunction.

The Park Assist is an electronic parking aid with radar sensors that helps you while parking. It visually and audibly indicates the relative distance between the vehicle and an obstacle.

The Park Assist is automatically activated when the engine is running and the automatic transmission is in drive position **D**, reverse gear **R** or neutral position **N**.

The Park Assist deactivates at speeds over approximately 10 mph (16 km/h). At lower speeds the Parktronic system turns on again.

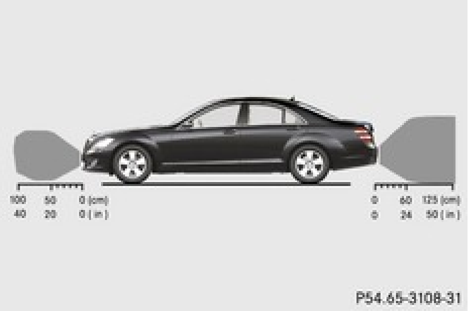
The Park Assist is also switched off when you set the automatic transmission into park position **P** or switch off the engine.

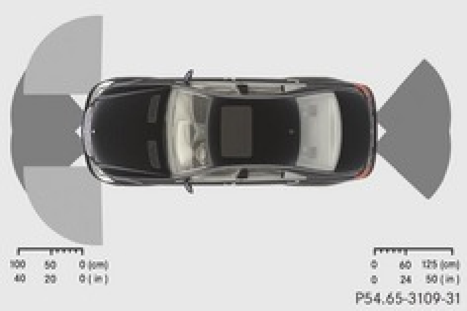
While the automatic transmission is in neutral position **N**, the Park Assist is switched off if you secure the vehicle in place with the electronic parking brake.

The Park Assist monitors the surroundings of your vehicle with four sensors in the front bumper and two sensors in the rear bumper.

Range of the sensors

The sensors of the Park Assist system are integrated in the front and rear bumpers. Make sure that the bumpers are clear of dirt, ice and slush in the area of the sensors, as otherwise, Park Assist may not function properly, see (▷ page 486).





Due to the sensors' broad detection range, it is possible that the Park Assist also detects and issues a warning for obstacles in the ground, e.g. sewer canal covers, rails, bumps in the road or gutters or obstacles moving upward quickly, e.g. rolling garage doors.

Front sensors

Center	approx. 40 in (100 cm)
Corners	approx. 24 in (60 cm)

Rear sensors

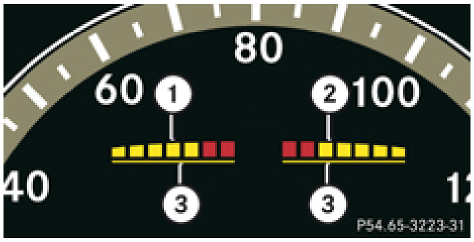
Center	approx. 50 in (125 cm)
Corners	approx. 24 in (60 cm)

! While parking, pay particular attention to objects over or underneath the sensors, e.g. flower boxes, an elevated crossbar or a trailer tow hitch. The Park Assist does not detect such nearby objects. You could otherwise damage the vehicle or the objects.

Warning indicators

Visual signals indicate to the driver the relative distance between the sensors and an obstacle.

The warning indicator for the front area is in the instrument cluster. The warning indicator for the rear area is on the roof liner in the rear.



① Left side of the vehicle
② Right side of the vehicle
③ Readiness indicators

Each warning indicator is divided into five yellow and two red distance segments for either side of the vehicle.

▷▷

If yellow readiness indicators ③ under the distance segments are lit, the Park Assist is ready to measure.

The current transmission position determines which warning indicators will be activated.

Current transmission position	Warning indicator
D	Front area activated
R	Front and rear area activated
N	With the electronic parking brake engaged: neither activated. With the electronic parking brake released: front and rear area activated.
P	Neither activated

As your vehicle approaches an object, one or more distance segments will illuminate, depending on the distance. When the seventh distance segment illuminates, you have reached the minimum distance.

Front area:

As soon as the first red distance segment illuminates, you will hear an intermittent warning tone for approximately 2 seconds. Once the second red distance segment illuminates, you will hear a continuous warning tone. You have reached the minimum distance. The signal is canceled when the automatic transmission is in park position **P** or neutral position **N** with the electronic parking brake engaged.

Rear area:

As soon as the first red distance segment illuminates, you will hear an intermittent warning tone for approximately 2 seconds. Once the second red distance segment illuminates, you will hear a continuous warning tone. You have reached the minimum distance. The signal is canceled when the automatic transmission is in drive position **D**, park position **P**, or neutral position **N** with the electronic parking brake engaged.

ℹ During strong rainfall, the warning indicators and warning tones may be triggered, for example, by water splashing into the area of the sensors.

Collision warning

The Park Assist can detect obstacles from a considerable distance. If you drive in reverse towards an obstacle, you will hear a warning tone. You must then brake in order to avoid a collision. The warning tone for a collision will not sound when the vehicle is at a standstill very close to the obstacle. In this case, you will hear a corresponding tone for the warning indicator in the rear area.

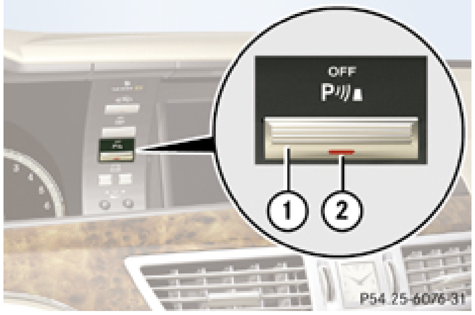
ℹ During strong rainfall, the collision warning may be triggered, for example, by water splashing into the area of the sensors.

Switching Park Assist system on/off

The Park Assist system can be switched off manually.

The Park Assist button with the indicator lamp is located on the control panel on the right-hand side of the instrument cluster.

ℹ When the indicator lamp is on, the Park Assist system is switched off.



① Park Assist button
② Indicator lamp

▶ **Switching off:** Press button ①.
Indicator lamp ② comes on.

▶ **Switching on:** Press button ① again.
Indicator lamp ② goes out.

The Park Assist system is automatically switched on when the ignition and radar sensors (▷ page 253) are switched on.

Advanced Parking Guidance

⚠ Warning!

The Advanced Parking Guidance is only an aid and may display parking spaces that are not suitable e.g. due to parking regulations, unsuitable road/ground surfaces, driveways, entrances/exits, etc.

The Advanced Parking Guidance only shows a representation of the parking space in the instrument cluster display as parking space is first initially measured when driving past. Subsequent changes to the parking space are not taken into account, e.g. if the position of the vehicle parked in front of or behind the space changes or objects in the parking space are moved. Moving objects are not shown, e.g. pedestrians or vehicles driving past. The Advanced Parking Guidance does not relieve you of the responsibility to pay attention. If you only rely on the Advanced Parking Guidance, you may cause an accident and injure yourself and others.

You are always responsible for safety and must continue to pay attention to your immediate surroundings when parking and maneuvering.

⚠ Warning!

Make sure no persons or animals are in the area in which you are maneuvering. You could otherwise injure them.

! Special attention must be paid to objects with smooth surfaces or low silhouettes (e.g. trailer couplings, painted posts, elevated crossbars or road curbs). Such objects may not be detected by the system and can damage the vehicle.

ℹ USA only:

This device has been approved by the FCC as a “Vehicular Radar System”. The radar sensor is intended for use in an automotive radar system only. Removal, tampering, or altering of the device will void any warranties, and is not permitted by the FCC. Do not tamper with, alter, or use in any non-approved way.

Any unauthorized modification to this device could void the user’s authority to operate the equipment.

ℹ Canada only:

This device complies with RSS-210 of Industry Canada. Operation is subject to the following two conditions:

1. This device may not cause interference, and
2. this device must accept any interference received, including interference that may cause undesired operation of the device.

Removal, tampering, or altering of the device will void any warranties, and is not permitted. Do not tamper with, alter, or use in any non-approved way.

Any unauthorized modification to this device could void the user's authority to operate the equipment.

! The operation and functionality of the Advanced Parking Guidance can be affected or impaired by dirty sensors, especially at times of snow and ice.

Make sure that the area on the bumpers around the sensors is free of dirt, ice and/or slush, otherwise Advanced Parking Guidance may not function properly.

The Advanced Parking Guidance is an electronic parking aid equipped with radar sensors that scan the area on both sides of vehicle. When suitable parking space is found it is shown in the display and you receive steering instructions for parking in that space.

When traveling in Canada in a vehicle not registered in Canada, you must switch off the radar sensor system (▷ page 253). Canadian law does not permit the use of the radar sensor system for vehicles from outside of Canada. When you switch off the radar sensor system, the following functions are deactivated:

- Advanced Parking Guidance
- BAS Plus (▷ page 70)
- PRE-SAFE® Brake (▷ page 76)
- DISTRONIC Plus (▷ page 360)
- Park Assist (▷ page 379)
- Blind Spot Assist (▷ page 392)

Use the Advanced Parking Guidance for parking spaces that are

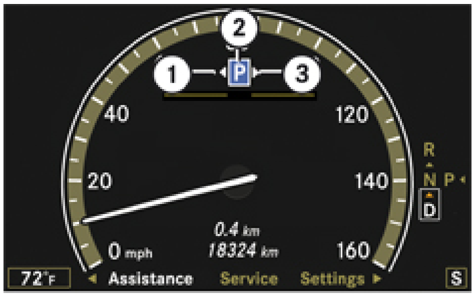
- parallel to the direction of travel
- located on straight streets, i.e. not in curves
- on the same level as the street, i.e. not on sidewalks, for example. Flat curbs may possible not be detected by the Advanced Parking Guidance.

Parking instructions:

- On narrow streets, drive by the parking space as close as possible.
- Parking spaces that are dirty, overgrown or located in front of trailers may not be detected correctly.
- Also observe the Park Assist warning indicator (▷ page 379) while the Advanced Parking Guidance is active.
- How well your vehicle will be parked after completion of the Advanced Parking Guidance depends on the position and shape of the vehicles parked in front of and behind the parking space as well as the conditions of the immediate surroundings. In certain cases, the Advanced Parking Guidance may guide you too far into the parking space or not far enough. If this is the case, cancel the parking procedure with the Advanced Parking Guidance and correct the vehicle position yourself.

Detecting a parking space

The Advanced Parking Guidance is active when driving forward. The system operates at a vehicle speed of up to 25 mph (40 km/h) and automatically scans for and measures potential parking spaces on both sides of the vehicle. At a vehicle speed of below 10 mph (16 km/h), you see the white parking space symbol as a system display in the instrument cluster. As soon as the Advanced Parking Guidance has detected a suitable parking space, the parking space symbol changes to blue.



P54.32-4404-31

① Detected parking spaces on the left
② Parking space symbol
③ Detected parking spaces on the right

In order to be detected by the Advanced Parking Guidance, a parking space must be:

- closed-in at the rear
- parallel to the direction of travel
- at least 5 ft (1.5 m) wide
- at least 3.5 ft (1.0 m) longer than your vehicle is

A parking space is shown in the display when driving by until you have reached a distance of 50 ft (15 m) from the space. the Advanced Parking Guidance only shows parking spaces on the front-passenger side of the vehicle unless you activate the driver's side (left) turn signal. If you would like to park on the driver's side, the left turn signal must remain on until the reverse gear is engaged.

Parking

The following describes how you can park on the front-passenger side. Parking on the driver's side is performed reversed left to right.

If the Advanced Parking Guidance detects an obstacle behind the vehicle during the parking procedure, you will hear an audible warning. Stop the vehicle immediately. The parking space and the lane flash in the instrument cluster. Only continue driving/ parking after you have made sure that this is possible to do in a safe manner. If the Advanced Parking Guidance no longer detects any obstacles, the display in the instrument cluster stops blinking. You may continue the parking procedure.

⚠ Warning!

The Advanced Parking Guidance is only an aid and may not detect all obstacles. At corners or near smooth surfaces, the Advanced Parking Guidance may not detect an object correctly. The Advanced Parking Guidance does not relieve you of the responsibility to pay attention. You are always responsible for safety and must continue to pay attention to your immediate surroundings when parking and maneuvering. Otherwise, you could endanger yourself and others.

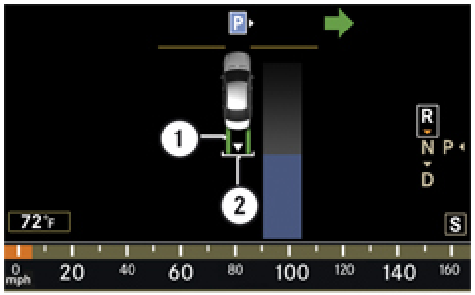
▶ Bring the vehicle to a standstill as long as the desired parking space is displayed by

▷▷

the blue parking space symbol in the instrument cluster.

▶ Shift the automatic transmission into reverse gear **R**.
The message `Check Surroundings Press 'OK' to Confirm` appears in the multifunction display.

▶ Press OK on the multifunction steering wheel to confirm.
The display in the instrument cluster changes to the Advanced Parking Guidance.

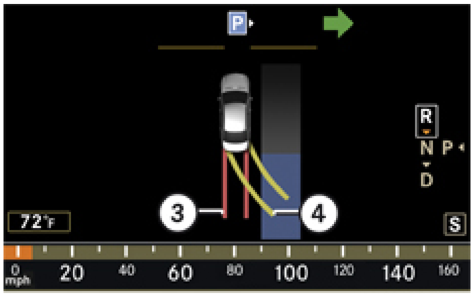


P54.65-3308-31

① Green lane
② White bracket indicates the stopping position

▶ Where necessary, depending on the distance to the parking space, back up in a straight line a short distance.
This is indicated by a green lane ①.

▶ Back up until you hear an audible warning, then stop.
The stopping position has been reached, indicated by a white bracket ②.

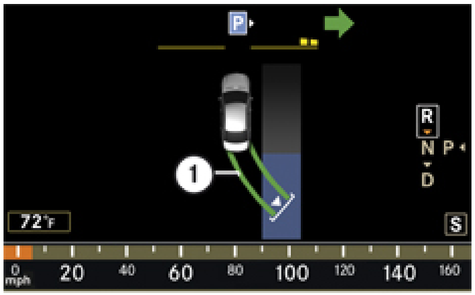


P54.65-3303-31

③ Red lane indicates the current steering wheel position
④ Yellow lane indicates the required steering wheel position

▶ When the vehicle is stationary, turn the steering wheel until red lane ③ matches up with yellow lane ④.
Lane ④ then turns green. If the parking space is located within the display range, a white bracket with an arrow for the target position is shown at the end of the green lane.

Driving into the parking space



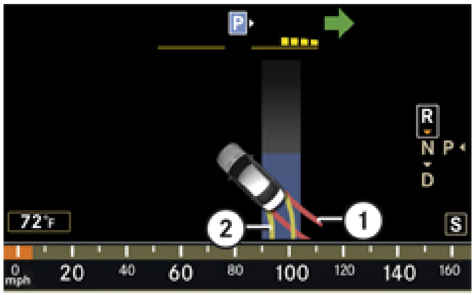
P54.65-3304-31

① Green lane indicates the correct steering wheel position

▶ Maintain the steering wheel position and carefully back up.

▶ Stop as soon as you hear the audible warning.
The vehicle has reached the position for countersteering.

Countersteering



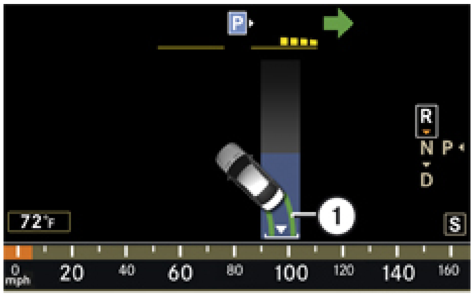
P54.65-3305-31

① Red lane indicates the current steering wheel position

② Yellow lane indicates the required steering wheel position

- ▶ When the vehicle is stationary, turn the steering wheel until red lane ① matches up with yellow lane ②.
  Lane ② then turns green and a white arrow and a white bracket are shown to indicate the target position.

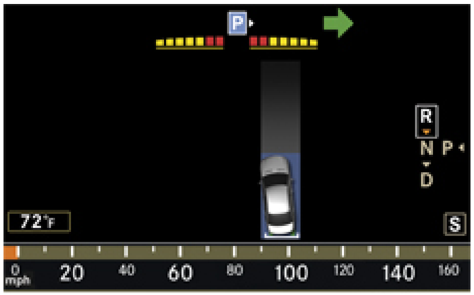
Reaching end position



P54.65-3306-31

① Green lane indicates the correct steering wheel position

- ▶ Maintain the steering wheel position and carefully back up until the end position has been reached.
  The message `Parking Guidance Finished` appears in the multifunction display and you will hear an audible warning.
  If the distance to the rear is too short, you will also be audibly warned by the Park Assist system (▷ page 379).



P54.65-3307-31

End position

Depending on the size of the parking space, the vehicle may be positioned at an angle in the parking space. The Advanced Parking Guidance guides you close to the rear limit of the parking space where possible.

- ▶ Adjust the end position by maneuvering as needed.
- ▶ Observe the Park Assist display (▷ page 379).

Canceling the Advanced Parking Guidance

- ▶ Press the Park Assist button (▷ page 383).
  The Advanced Parking Guidance is immediately canceled and the Park Assist is deactivated. No message is shown in the multifunction display.

Driving systems

The Advanced Parking Guidance is automatically canceled if guidance into the parking space is no longer possible or if an error occurs.

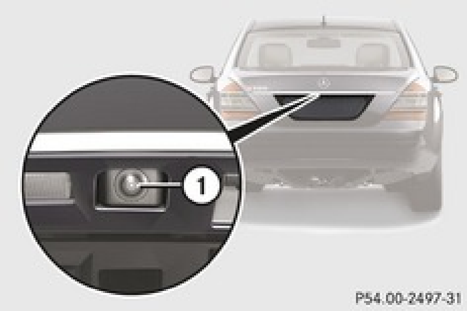
The parking space symbol disappears and the message `Parking Guidance Canceled` appears in the multifunction display.

Rear view camera

The rear view camera is an electronic and visual parking aid. It shows you the area behind the vehicle on the COMAND system display.

In addition, the rear view camera contains guide lines to help you with driving in reverse.

The area behind the vehicle is displayed as a reverse-mirror image similar to the view in a rear view mirror.



① Rear view camera

View through the rear view camera

ℹ The image from the rear view camera is shown mirror-inverted on the COMAND system display.

⚠ **Warning!**

Please note that objects which do not touch the ground, such as the bumper of a vehicle parked behind you, a trailer hitch, or the back of a truck, may appear to be further away than they actually are. In this case, you should not use the guide lines to judge distance. The use of the guide lines to judge distance increases the risk of impacting the objects.

⚠ **Warning!**

Make sure no persons or animals are in or near the area in which you are parking/ maneuvering. Otherwise, they could be injured.

⚠ **Warning!**

The rear view camera is a supplement system. It is not intended to, nor does it replace, the need for extreme care. The responsibility during parking and other driving maneuvers always remains with the driver.

The rear view camera may show obstacles with a distorted perspective, incorrectly or not at all.

Special attention must be paid to objects outside of the camera’s field of view such as those located very close to or below the rear bumper, or above the recessed grip of the luggage compartment lid. Such objects may not be detected by the system and can damage the vehicle.

The rear view camera does not warn you about impending collisions with objects. The driver is always responsible for safety and must continue to pay attention to the immediate surroundings while parking or maneuvering the vehicle. This applies not only to the area behind the vehicle, but also to the area in front of and to the sides of the vehicle. Failure to do so could result in injury to persons and/or damage to the vehicle or other property. We also recommend that the driver uses the Parktronic system, Park Assist, or Advanced Parking Guidance when parking or maneuvering the vehicle.

⚠ **Warning!**

The rear view camera either will not function or will not function to its full capability if

- the trunk lid is open or not completely closed
- it is raining or snowing heavily, or if there is thick fog
- in a very dark area
- the camera is exposed to a very bright white light (white stripes may appear on the COMAND system display)
- the immediate surroundings are illuminated with fluorescent light (the COMAND system display can flicker)
- there is a sudden change in temperature, e.g. if you drive into a heated garage from the cold (lens condensation)
- the camera lens is dirty or covered
- the rear of your vehicle is damaged

  In this case, have the position and setting of the camera checked by a qualified specialist workshop. Mercedes-Benz recommends that you contact a Mercedes-Benz Center for this purpose.

Do not use the rear view camera if the roads are icy, slippery or covered with snow. The vehicle could slip causing the actual vehicle position to deviate from the one shown on the COMAND system display. This may cause injury to you or others, or damage the vehicle or objects.

Mounting tires/rims of other specification than the original equipment tires/rims may impair the function of the rear view camera. Contact an authorized Mercedes-Benz Center.

⚠ **Warning!**

Use of rear view camera can be dangerous if you are color-blind or have impaired color vision.

Only use rear view camera if you can see and distinguish all colored guide lines shown by rear view camera on the COMAND system display.

Switching on rear view camera

ℹ The rear view camera must be activated in the instrument cluster control system in order for it to be switched on.

▶ Switch on the ignition.

▶ Switch on the COMAND system.

▶ Shift into reverse gear **R**.
The COMAND system display will show the area behind the vehicle with guide lines.

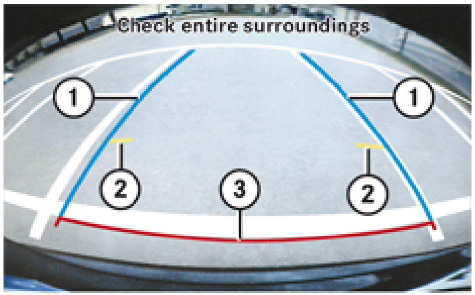
⚠ **Warning!**

Please note that objects which do not touch the ground, such as the bumper of a vehicle parked behind you, a trailer hitch, or the back of a truck, may appear to be further away than they actually are. In this case, you should not use the guide lines to judge distance as the use of the guide lines to judge distance increases the risk of impacting the objects.

Even when the object you approach is directly on the ground (and nothing on the

▷▷

object extends above the ground beyond the object's contours directly touching the ground) and no objects that do not touch the ground, such as the bumper of a vehicle parked behind you, a trailer hitch, or the back of a truck are in the path, do not approach the object on the ground any closer than the red guide line.



① Blue guide lines for vehicle width
② Yellow 39 in (1 m) guide line
③ Red 10 in (0.25 m) guide line

The red 10 in (0.25 m) guide line ③, the yellow 39 in (1 m) guide line ② correspond to the relevant distance from the rear of the vehicle. The blue guide line for vehicle width ① show the required width for the vehicle.

ℹ If you activate a different function on the driver's COMAND system controls while reverse parking or parallel parking, the image from the rear view camera is interrupted.

To reactivate the rear view camera, take the vehicle out of reverse gear and then re-engage reverse gear again.

Night View Assist

⚠ **Warning!**

The Night View Assist is only an aid to support you while driving and cannot substitute your careful attention. Do not rely on the display of the Night View Assist; instead, continue to look through the windshield. You are always responsible for safety and must drive in accordance with traffic conditions. Otherwise, you could endanger yourself and others.

If it is foggy, raining or snowing, the clarity of the Night View Assist image on the multifunction display may be diminished.

The Night View Assist illuminates the road with infrared light in addition to the normal headlamps.

A camera at the top of the windshield measures the infrared light and shows a black-and-white image on the multifunction display. The image on the multifunction display corresponds to a road lit up by high-beam headlamps.

⚠ **Warning!**

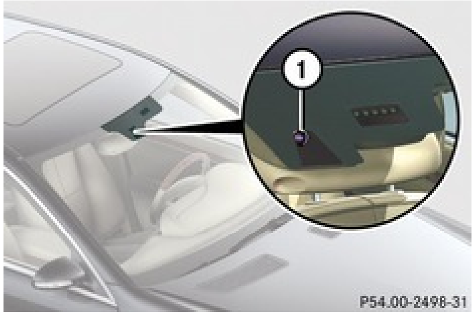
The Night View Assist cannot record objects immediately in front of or next to the vehicle. When maneuvering, continue to look through the windshield. Make sure no persons or animals are in the area in which you are maneuvering. You could otherwise injure them.

The Night View Assist image on the multifunction display is not impaired by the headlamps of approaching vehicles or if you cannot switch on the high beams due to oncoming traffic.

As a result, you can better follow the course of the road and detect obstacles earlier on.

ℹ Infrared light is invisible to the human eye and can therefore remain permanently switched on without blinding oncoming traffic.

The camera is at the top of the windshield.

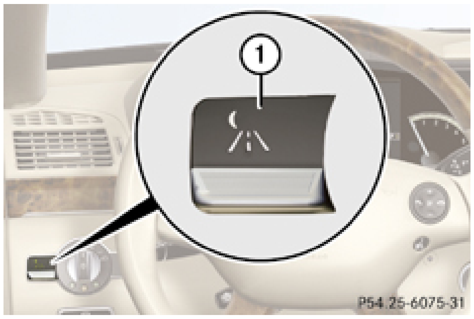


① Night View Assist camera

Switching on or off

You can only switch on the Night View Assist if

- the SmartKey in the starter switch is set to position **2**
- it is dark
- the light switch is set to **A** or ≣D or if the daytime driving lamps are switched on
- the automatic transmission is not in reverse gear **R**



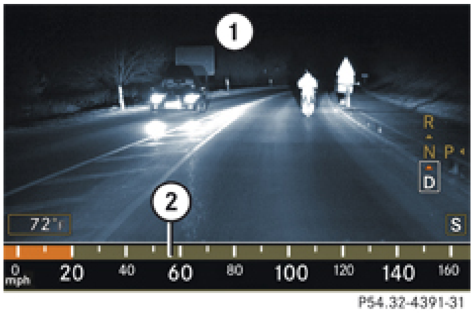
① Night View Assist on or off

▶ Press button ① up or down.
The Night View Assist image appears on the multifunction display.

ℹ The infrared headlamps only come on above a speed of approximately 9 mph (15 km/h). Therefore, when you are at a standstill, you do not have a complete view and cannot check the function of the Night View Assist.

Image on multifunction display

When you switch on the Night View Assist, the dial for the speedometer changes on the multifunction display. The speedometer dial is shown as a bar on the lower edge of the multifunction display. The line for main menus is no longer available. If you would like to change a setting using the steering wheel buttons, you must first switch off the Night View Assist.



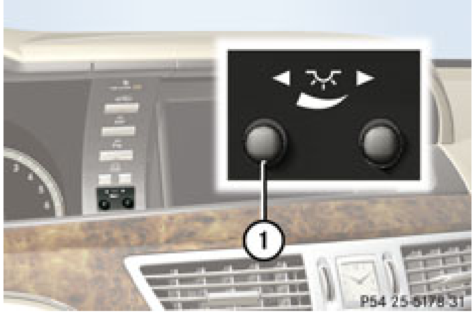
① Night View Assist image
② Speedometer dial

If you change the brightness of the instrument cluster while the Night View Assist is switched on, only the brightness of the multifunction display is changed.

▷▷

Driving systems

Adjusting instrument cluster illumination



① Knob

- Make sure the Night View Assist is switched on.
- **Brightening illumination:** Turn knob ① clockwise.
- **Dimming illumination:** Turn knob ① counterclockwise.

Dirty or fogged-up windshield

If the windshield in front of the camera is fogged up on the inside or outside or if it is dirty, the Night View Assist image is diminished.

⚠ Warning!

Please do not forget that your primary responsibility is to drive the vehicle. A driver's attention to the road must always be his/her primary focus when driving. For your safety and the safety of others, stop before trying to remove window fogging or cleaning the window in front of the Night View Assist camera.

Bear in mind that at a speed of just 30 mph (approximately 50 km/h), your vehicle is covering a distance of 44 feet (approximately 14 m) every second.

- **Removing condensation:** Check settings of the climate control and change them, if necessary (▷ page 395).
- Swing the camera cover downward (▷ page 487).
- **Cleaning inside of windshield:** Use a soft, non-scratching cloth (▷ page 487).

Blind Spot Assist

The Blind Spot Assist uses radar sensors to monitor the area on both sides of your vehicle. It will assist you when you change lanes driving at speeds of above 20 mph (30 km/h). A warning will appear in the exterior rear view mirror as soon as another vehicle is detected in the area being monitored. If you then activate the corresponding turn signals to change lanes, you will see and hear a collision warning. The Blind Spot Assist operates using two sensors in the front bumper and four sensors in the rear bumper.

⚠ Warning!

The Blind Spot Assist is only a driving aid and may not detect all vehicles.

The Blind Spot Assist may not be able to detect narrow vehicles such as motorcycles or bicycles, or it may not detect them until it is too late.

The monitoring function may be impaired if your sensors are dirty, subject to heavy spray, or if visibility is poor due to e.g. snow, rain, or fog. This can result in vehicles not being detected or being detected too late.

Blind Spot Assist cannot detect road, traffic and weather conditions.

It is the driver’s responsibility at all times to be attentive to road, weather and traffic conditions and to provide the steering, braking and other driving inputs necessary to retain control of the vehicle. Failure to do so could result in recognizing dangers too late, possibly resulting in an accident and serious injury to yourself and others.

In order for the Blind Spot Assist to function, the radar sensors must be switched on and operational.

When traveling in Canada in a vehicle not registered in Canada, you must switch off the radar sensor system (▷ page 253). Canadian law does not permit the use of the radar sensor system for vehicles from outside of Canada. When you switch off the radar sensor system, the following functions are deactivated:

- Blind Spot Assist
- BAS Plus (▷ page 70)
- PRE-SAFE® Brake (▷ page 76)
- DISTRONIC Plus (▷ page 360)
- Park Assist (▷ page 379)
- Advanced Parking Guidance (▷ page 383)

ℹ USA only:

This device has been approved by the FCC as a “Vehicular Radar System”. The radar sensor is intended for use in an automotive radar system only. Removal, tampering, or altering of the device will void any warranties, and is not permitted by the FCC. Do not tamper with, alter, or use in any non-approved way.

Any unauthorized modification to this device could void the user’s authority to operate the equipment.

ℹ Canada only:

This device complies with RSS-210 of Industry Canada. Operation is subject to the following two conditions:

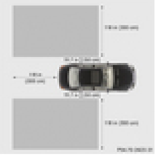
1. This device may not cause interference, and
2. this device must accept any interference received, including interference that may cause undesired operation of the device.

Removal, tampering, or altering of the device will void any warranties, and is not permitted. Do not tamper with, alter, or use in any non-approved way.

Any unauthorized modification to this device could void the user’s authority to operate the equipment.

Sensor monitoring range

The Blind Spot Assist is able to monitor a range up to 10 ft (3 m) to the rear and both sides of the vehicle.



⚠ **Warning!**

The Blind Spot Assist monitors certain areas in the immediate vicinity of your vehicle. Vehicles approaching and passing at speeds that exceed the speed of your vehicle significantly will not be detected. There will be no warning display and no audible warning.

When driving in a very wide lane, the sensors may not be able to cover the entire width of the neighboring lane. Vehicles driving on the outside of the neighboring lane may not be detected.

▷▷

Driving systems

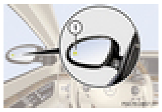
It is the driver's responsibility at all times to be attentive to road, weather and traffic conditions and to provide the steering, braking and other driving inputs necessary to retain control of the vehicle. Failure to do so could result in recognizing dangers too late, possibly resulting in an accident and serious injury to yourself and others.

When driving in a very narrow lane, the sensors may detect and display vehicles in the second lane over. This will be the case if there are vehicles driving on the inside edge of their lane.

The Blind Spot Assist sensors are built into the front and rear bumpers. Make sure that the area of the bumpers around the sensors is free of dirt, ice and snow. The radar sensors must not be obstructed, for example, by bicycle carriers or overhanging luggage.

! In the event of a significant impact or damage affecting the bumpers, have the radar sensors checked by a qualified specialist workshop such as a Mercedes-Benz Center. Failure to do this can result in Blind Spot Assist not functioning correctly.

Indicator and warning lamps



Exterior rear view mirror, driver's side

① Yellow indicator lamp/red warning lamp

- ▶ Make sure that the radar sensors (▷ page 253) and Blind Spot Assist (▷ page 251) are switched on.
- ▶ Switch on the ignition.
  Red warning lamps ① in the exterior rear view mirrors come on.
- ▶ Start the engine.
  Yellow indicator lamps ① in the exterior rear view mirrors come on up to a speed of 20 mph (30 km/h).

Above a speed of 20 mph (30 km/h), yellow indicator lamps ① go out and the Blind Spot Assist is active. If the Blind Spot Assist detects a vehicle in its range, red warning lamp ① on the corresponding side of the vehicle comes on.

When you shift the automatic transmission in reverse gear **R**, yellow indicator lamps ① in the exterior rear view mirrors goes out after approximately 3 seconds. The Blind Spot Assist is then not active.

The brightness of indicator lamps/warning lamps ① is controlled automatically depending on the brightness of the ambient light.

⚠ Warning!

The Blind Spot Assist is not active at speeds below approximately 20 mph (30 km/h). The yellow indicator lamps in the exterior rear view mirrors are illuminated. You will not be alerted to the presence of vehicles in the monitored area at these speeds.

It is the driver's responsibility at all times to be attentive to road, weather and traffic conditions and to provide the steering, braking and other driving inputs necessary to retain control of the vehicle. Failure to do so could result in recognizing dangers too late, possibly resulting in an accident and serious injury to yourself and others.

Collision warning

If a vehicle is detected in the Blind Spot Assist range and you activate the turn signal, a two-tone warning will sound once and red warning lamp ① on the corresponding side of the vehicle will flash.

⚠ Warning!

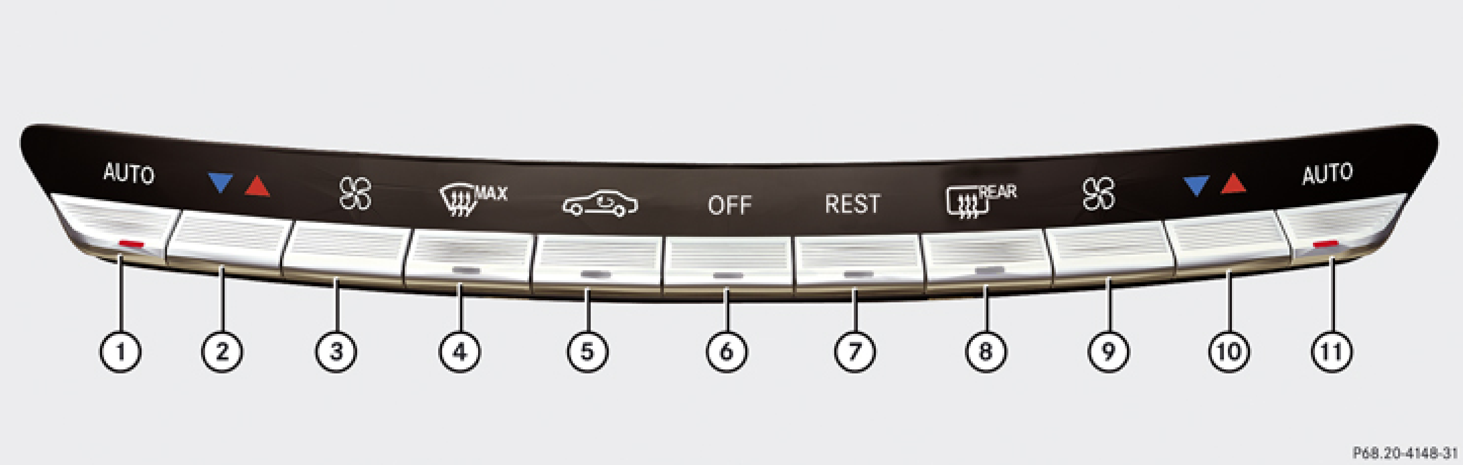
Do not change lanes or make turns, while red warning lamp ① is flashing. Doing so could result in an accident and seroius injury to yourself and others.

- Remain on the lane that you are currently on until traffic conditions permit to change.

If the turn signal remains on, red warning lamp ① will flash to indicate that vehicles have been detected. No further audible warnings will sound.

Climate control system

Control panels


AUTO
MAX
OFF
REST
REAR
AUTO
①
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⑧
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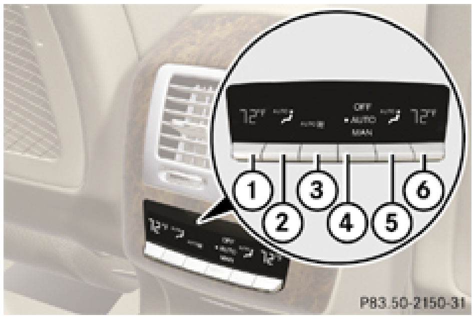
Climate control system

	Function	Recommendation/Notes	
①	AUTO Air distribution and air volume, driver's side (automatic mode)	ℹ Switches on the automatic mode. The indicator lamp in button AUTO comes on.	(▷ page 399)
②	▼▲ Temperature control, driver's side	ℹ Set the temperature to 72℉ (22℃).	(▷ page 400)
③	✤ Manual fan speed adjustment, driver's side		(▷ page 403)
④	MAX Front defroster	ℹ Keep this setting selected only until the windshield or the side windows are clear again.	(▷ page 403)
⑤	↻ Air recirculation	ℹ Only use this function for a short time, e.g. in a tunnel. Otherwise, the windows can fog up due to lack of fresh air.	(▷ page 404)
⑥	OFF Climate control on/off	ℹ Switches on the climate control system. The indicator lamp in button OFF goes out.	(▷ page 398)
⑦	REST Residual heat/ventilation	ℹ With the engine turned off, it is possible to continue to heat or ventilate the interior.	(▷ page 405)
⑧	REAR Rear window defroster	ℹ At very low temperatures, rear window defroster operation is delayed until the vehicle interior has warmed up.	(▷ page 406)
⑨	✤ Manual fan speed adjustment, passenger side		(▷ page 403)
⑩	▼▲ Temperature control, passenger side	ℹ Set the temperature to 72℉ (22℃).	(▷ page 400)
⑪	AUTO Air distribution and air volume, passenger side (automatic mode)	ℹ Switches on the automatic mode. The indicator lamp in button AUTO comes on.	(▷ page 399)

Rear climate control



① Temperature control, left

② Air distribution, left

③ Air volume

④ OFF Rear climate control on/off

AUTO Rear climate control automatic mode

MAN Rear climate control manual mode

⑤ Air distribution, right

⑥ Temperature control, right

Notes on climate control system

ℹ If you have the air distribution and air volume automatically controlled, you can adjust the temperature, footwell temperature and air flow. The following basic settings are recommended:

- Automatic air distribution control (▷ page 399)
- Temperature: 72℉ (22℃) (▷ page 400)
- Footwell temperature: 0 (▷ page 230)
- Air flow: focused (▷ page 230)

The climate control system is operational whenever the engine is running. You can operate the climate control system in either the automatic or manual mode. The system cools or heats the interior depending on the selected interior temperature and the current outside temperature.

It can only function optimally when you are driving with the windows, the tilt/sliding sunroof or tilt/sliding panel closed.

Nearly all dust particles, pollutants and odors are filtered out before outside air enters the passenger compartment through the air distribution system.

⚠ Warning!

Severe conditions (e.g. strong air pollution) may require replacement of the filter before its scheduled replacement interval. A clogged filter will reduce the air volume to the interior and the windows could fog up, impairing visibility and endangering you and others. Have a clogged filter replaced as soon as possible at an authorized Mercedes-Benz Center.

⚠ Warning!

Follow the recommended settings for heating and cooling given on the following pages and in the “COMAND automatic climate control” section. Otherwise the windows could fog up, impairing visibility and endangering you and others.

▶ Keep the air intake grille in front of the windshield free of snow and debris.

Do not obstruct air flow by placing objects on the air flow-through exhaust slots below the rear window.

ℹ If the vehicle interior is hot, ventilate the interior before driving off, see “Summer opening feature” (▷ page 336). The climate control will then adjust the interior temperature to the set value much faster.

The following climate control functions can be operated via COMAND:

- Temperature (▷ page 227)
- Air distribution (▷ page 228)
- Air volume (▷ page 228)
- Switching off cooling (AC OFF) (▷ page 229)
- Central climate control (`Mono`) (▷ page 230)
- Footwell temperature (▷ page 230)
- Air flow from air vents (▷ page 230)
- Rear climate control (▷ page 231)

Deactivating the climate control system

⚠ **Warning!**

When the climate control system is switched off, the outside air supply and circulation are also switched off. Only choose this setting for a short time. Otherwise the windows could fog up, impairing visibility and endangering you and others.

Deactivating the front climate control

▶ **Deactivating:** Press rocker switch OFF up or down.
The indicator lamp in the rocker switch comes on. You will see `Climate Control OFF` in the COMAND display.

▶ **Reactivating:** Press rocker switch OFF up or down.
The indicator lamp in the rocker switch goes out. You will see the previous settings in the COMAND display.

Deactivating the rear climate control

Operating on the front climate control panel

▶ Activate the `Rear` function via COMAND (▷ page 231). This function is used to operate the rear climate control via COMAND and the rocker switches on the control panel from the front.

▶ **Deactivating:** Press rocker switch OFF up or down.
The indicator lamp in the rocker switch comes on.

▶ **Reactivating:** Press rocker switch OFF up or down.
The indicator lamp in the rocker switch goes out. The previous settings are once again in effect.

Operating on the rear climate control panel

▶ **Deactivating:** Press rocker switch ④ (▷ page 397) up or down repeatedly until `OFF` mode is selected in display.

▶ **Reactivating:** Press rocker switch ④ up or down repeatedly until `AUTO` mode is selected in display.

or

▶ Press rocker switch ④ up or down repeatedly until `MAN` mode is selected in display.

Air conditioning

The air conditioning is operational while the engine is running and cools the interior air to the temperature set by the operator. In addition, the air conditioning dehumidifies the interior air and helps prevent window fogging.

⚠ Warning!

If you switch off the cooling function, the vehicle will not be cooled when weather conditions are warm. The windows can fog up more quickly. Window fogging may impair visibility and endanger you and others.

ℹ Condensation may drip out from underneath the vehicle. This is normal and not an indication of a malfunction.

The cooling function can be activated or deactivated via COMAND (▷ page 229).

Automatic mode

Air distribution and air volume can be adjusted automatically by the climate control system. You can also adjust the settings for air distribution and air volume manually.

When operating the climate control system in automatic mode, the interior air temperature, air volume and air distribution are adjusted automatically.

In automatic mode, cooling with dehumidification is switched on. This function can be switched off if necessary.

⚠ Warning!

If you switch off the cooling function, the vehicle will not be cooled when weather conditions are warm. The windows can fog up more quickly. Window fogging may impair visibility and endanger you and others.

Automatic mode with the front climate control

- Set the desired temperature (▷ page 400).
- **Activating:** Press rocker switch AUTO up or down.
  The indicator lamp in the rocker switch comes on.
- **Deactivating:** Press rocker switch AUTO up or down.

  or
- Press rocker switch ✣ up or down.

  or
- Adjust air volume via COMAND (▷ page 228).
  The indicator lamp in rocker switch AUTO goes out.

Automatic mode with the rear climate control

Operating on the front climate control panel

- Set the desired temperature (▷ page 400).
- Activate the Rear function via COMAND (▷ page 231). This function is used to operate the rear climate control via COMAND and the rocker switches on the control panel from the front.
- **Activating:** Press rocker switch AUTO up or down.
  The indicator lamp in the rocker switch comes on.
- **Deactivating:** Press rocker switch AUTO up or down.

▷▷

or

- Adjust air distribution (▷ page 228).

or

- Adjust air volume (▷ page 228).
  The indicator lamp in rocker switch AUTO goes out. Automatic control of air volume and air distribution is switched off.

  You can adjust the air distribution (▷ page 228) or air volume (▷ page 228) manually.

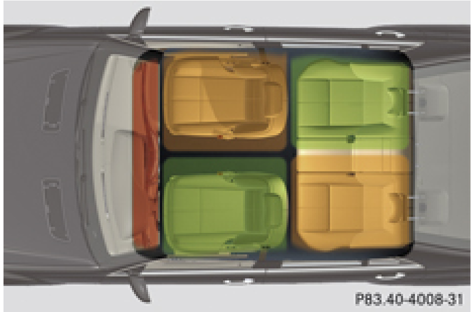
ℹ To return to the standard display, activate the `Front Climate Control` function via COMAND (▷ page 232).

Operating on the rear climate control panel

- Set the desired temperature (▷ page 400).
- **Activating:** Press rocker switch ④ (▷ page 397) repeatedly until `AUTO` mode is selected in the display.
- **Deactivating:** Press rocker switch ④ repeatedly until `MAN` mode or `OFF` mode is selected in the display.

Setting temperature

You can adjust the air temperature for each of the 5 zones separately. You should raise or lower the temperature setting in small increments, preferably starting at 72℉ (22℃).



Front temperature with front climate control panel

- **Increasing/decreasing:** Press rocker switches ▼▲ ② and/or ⑩ up or down or use COMAND (▷ page 227).
  The climate control system will correspondingly adjust the interior air temperature.

Rear temperature with front climate control panel

- Activate the `Rear` function via COMAND (▷ page 231). This function is used to operate the rear climate control via COMAND and the rocker switches on the control panel from the front.
- **Increasing/decreasing:** Press rocker switches ▼▲ ② and/or ⑩ (▷ page 395) up or down.

Rear temperature with rear climate control panel

- **Increasing/decreasing:** Press rocker switches ▼▲ ① and/or ⑥ (▷ page 397) up or down.

Adjusting air vents

⚠ Warning!

When operating the climate control, the air that enters the passenger compartment through the air vents can be very hot or very cold (depending on the set temperature). This may cause burns or frostbite to unprotected skin in the immediate area of the air vents.

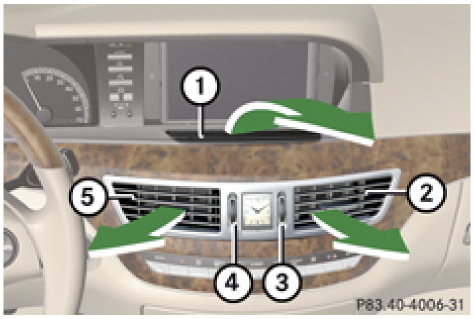
Always keep sufficient distance between unprotected parts of the body and the air vents. If necessary, use the air distribution adjustment to direct the air to air vents in the vehicle interior that are not in the immediate area of unprotected skin.

For best possible performance of the climate control:

- Keep the air intake grille in front of the windshield free of snow, leaves, sticks, and any other debris.
- Always keep all air vents and grilles in the passenger compartment free from obstruction.

ℹ For draft-free ventilation, move the adjustable center and side air vents to the middle position.

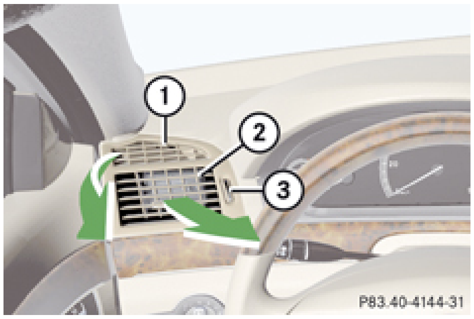
Center air vents



① Cockpit air vent, fixed
② Right center air vent, adjustable
③ Thumbwheel for air volume control for adjustable right center air vent
④ Thumbwheel for air volume control for adjustable left center air vent
⑤ Left center air vent, adjustable

- **Opening/closing:** Turn thumbwheels ③ and ④ upward or downward.

Side air vents



Example illustration driver's side

① Left side defroster air vent, fixed
② Left side air vent, adjustable
③ Thumbwheel for air volume control for adjustable left side air vent

- **Opening/closing:** Turn thumbwheel ③ upward or downward.

Front center console storage compartment ventilation

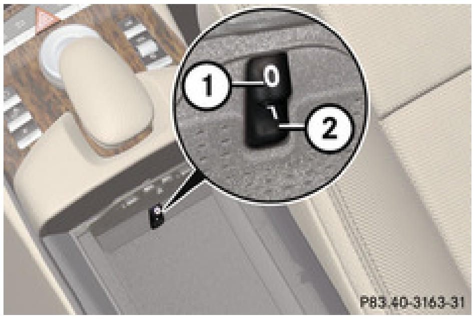
In vehicles without rear passenger compartment climate control: the storage compartment under the front armrest can be ventilated when the climate control is switched on.

▷▷

Climate control system

! Extreme temperatures can occur in the storage compartment. Switch off the air vents in the storage compartment while the heating is switched on if you are transporting heat-sensitive items in the compartment.

Keep the air vents free of obstruction.



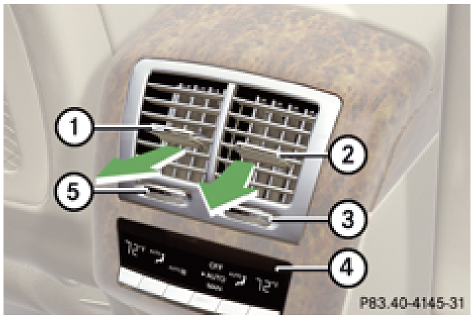
① Switching ventilation off
② Switching ventilation on

The air volume is dependent on the setting of:

- air distribution control
- air volume control
- air vents in the dashboard

The air temperature is about the same as that of the dashboard air vents. It cannot be regulated separately.

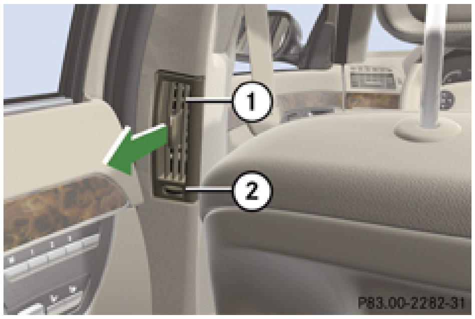
Rear center console air vents



① Left rear center air vent, adjustable
② Right rear center air vent, adjustable
③ Thumbwheel for air volume control for right rear center air vent
④ Rear climate control panel
⑤ Thumbwheel for air volume control for left rear center air vent

▶ **Opening/closing:** Turn thumbwheel ③ or ⑤ in the required direction.

B-pillar air vents



① Side air vent, adjustable
② Thumbwheel for air volume control for side air vent

▶ **Opening/closing:** Turn thumbwheel ② to the left or to the right.

Adjusting air distribution

Air distribution in front/rear passenger compartment via COMAND

The air distribution can be adjusted via COMAND (▷ page 228).

Air distribution in rear passenger compartment with rear climate control panel

- ▶ Press rocker switches ② or ⑤ (▷ page 397) up or down until the desired symbol appears in the display.

Adjusting air volume

You can adjust the air volume separately on each side if the passenger compartment.

You can adjust the air volume via COMAND (▷ page 228).

Front air volume with the front climate control panel

- ▶ **Decrease/increase:** Press rocker switches ✻ up or down.

Rear air volume with the front climate control panel

- ▶ Activate the Rear ≋ function via COMAND (▷ page 231). This function is used to operate the rear climate control via COMAND and the rocker switches on the control panel from the front.
- ▶ **Decrease/increase:** Press rocker switches ✻ up or down.

Rear air volume with the rear climate control panel

- ▶ **Decrease/increase:** Press rocker switch ③ (▷ page 397) up or down.

Front defroster

You can use this setting to defrost the windshield, for example if it is iced up.

You can also defog the windshield and the side windows.

ℹ Keep this setting selected only until the windshield or the side windows are clear again.

Activating

- ▶ Press rocker switch MAX up or down. The indicator lamp in the rocker switch comes on.

The climate control switches to the following functions automatically:

- most efficient blower speed and heating power, depending on outside temperature
- air flows onto the windshield and the front side windows
- the air conditioning compressor switches on at outside temperatures above approximately 41°F (5°C) for air-drying

Adjustments

You can adjust the air volume and the temperature when the front defroster is switched on. The air flow will remain on the windshield and front door windows.

- ▶ Press rocker switch ✻ up or down to increase or decrease air volume to the desired level. The air volume increases/decreases to the next higher/lower blower speed and heating switches to the temperature that was set before the front defroster was switched on.

▷▷

The indicator lamp in rocker switch MAX goes out.

or

- Press rocker switches ▼▲ ② and ⑩ (▷ page 395) up or down.
  Heating switches to the temperature that was set before the front defroster was switched on.
  The indicator lamp in rocker switch MAX goes out.

ℹ The air conditioning compressor remains on even with the indicator lamp in button MAX goes out. This helps to prevent windshield from fogging.

Deactivating

- Press rocker switch MAX up or down.
  The indicator lamp in the rocker switch goes out.
  The previous settings are once again in effect, except air recirculation mode stays off.

Windshield fogged on the outside

- Switch the windshield wipers on (▷ page 332).
- Press rocker switch AUTO up or down.
  The indicator lamp in the rocker switch comes on.

Maximum cooling MAX COOL

MAX COOL is only operational when the engine is running.

MAX COOL is only available in U.S. vehicles.

If AUTO is selected on both the left and right side and there is a high demand for cooling, the display `MAXCOOL` appears in the COMAND display.

This provides the fastest possible cooling of the vehicle interior (when windows and tilt/sliding sunroof or tilt/sliding panel are closed).

ℹ Maximum cooling MAX COOL is only available when the engine is running.

Air recirculation mode

Switch to air recirculation mode to prevent unpleasant odors from entering the vehicle from the outside (e. g. before driving through a tunnel). This setting cuts off the intake of outside air and recirculates the air in the passenger compartment.

⚠ **Warning!**

Fogged windows impair visibility, endangering you and others. If the windows begin to fog on the inside, switching off the air recirculation mode immediately should clear interior window fogging. If interior window fogging persists, make sure the air conditioning is activated, or press button MAX.

- **Activating:** Press rocker switch ⟲ up or down.
  The indicator lamp in the rocker switch comes on.

ℹ The air recirculation mode is activated automatically at high outside temperatures.

The indicator lamp in rocker switch ⟲ is not lit when the air recirculation mode is switched on automatically.

A quantity of outside air is added when the cooling demand is not at maximum.

If the air conditioning has been turned off or the outside temperature is below 41°F (5°C), the air recirculation mode will not switch on automatically.

▶ **Deactivating:** Press rocker switch up or down.
The indicator lamp in the rocker switch goes out.

ℹ The manually selected air recirculation mode is deactivated automatically:

- after 5 minutes if the outside temperature is below approximately 41°F (5°C)
- after 5 minutes if the air conditioning is turned off
- after 30 minutes if the outside temperature is above approximately 41°F (5°C)

Residual heat and ventilation

With the engine switched off, it is possible to continue to heat or ventilate the interior for up to 30 minutes. This feature makes use of the residual heat produced by the engine.

ℹ If you switch on the residual heat function when outside temperatures are high, only the ventilation will be switched on.

ℹ Regardless of the selected air volume, the blower operates at low speed when heating. In case of ventilation the blower operates at higher speed.

ℹ How long the system will provide heating depends on the coolant temperature and the selected temperature. The blower will run at low speed regardless of the air distribution control setting.

▶ **Activating:** Switch off the ignition.

▶ Press rocker switch REST up or down.
The indicator lamp in the rocker switch comes on.

▶ **Deactivating:** Press rocker switch REST up or down.
The indicator lamp in the rocker switch goes out.

The residual heat is deactivated automatically:

- when the ignition is switched on
- after approximately 30 minutes
- if the battery voltage drops
- if the coolant temperature is too low

Rear window defroster

⚠ **Warning!**

Any accumulation of snow and ice should be removed from the rear window before driving. Visibility could otherwise be impaired, endangering you and others.

The rear window defroster uses a large amount of power. To keep the battery drain to a minimum, switch off the defroster as soon as the rear window is clear. The defroster is switched off automatically after approximately 6 to 17 minutes of operation depending on the outside temperature.

- Switch on the ignition.
- **Switching on:** Press button REAR up or down.
  The indicator lamp in the button comes on.
- **Switching off:** Press button REAR up or down.

! If the rear window defroster switches off too soon and the indicator lamp starts flashing, too many electrical consumers are operating simultaneously and there is insufficient voltage in the battery. The system responds automatically by switching the rear window defroster off.

As soon as the battery has sufficient voltage, the rear window defroster switches back on automatically.

Power tilt/sliding sunroof

Opening and closing

⚠ **Warning!**

When opening or closing the tilt/sliding sunroof, make sure there is no danger of anyone being harmed by the opening/closing procedure.

The tilt/sliding sunroof is equipped with the express operation and automatic reversal function. If the movement of the tilt/sliding sunroof is blocked during the closing procedure, the tilt/sliding sunroof will stop and open slightly.

The tilt/sliding sunroof operates differently when the sunroof switch is pressed and held. See the “Closing when the tilt/sliding sunroof is blocked” section for details.

The opening/closing procedure of the tilt/sliding sunroof can be immediately halted by releasing the sunroof switch or, if the sunroof switch was moved past the resistance point and released, by moving the sunroof switch in any direction.

⚠ Observe Safety notes, see page 62.

⚠ Warning!

The tilt/sliding sunroof is made out of glass. In the event of an accident, the glass may shatter. This may result in an opening in the roof.

In a vehicle rollover, occupants not wearing their seat belts or not wearing them properly may be thrown out of the opening. Such an opening also presents a potential for injury for occupants wearing their seat belts properly as entire body parts or portions of them may protrude from the passenger compartment.

! To avoid damaging the seals, do not transport any objects with sharp edges which can stick out of the tilt/sliding sunroof.

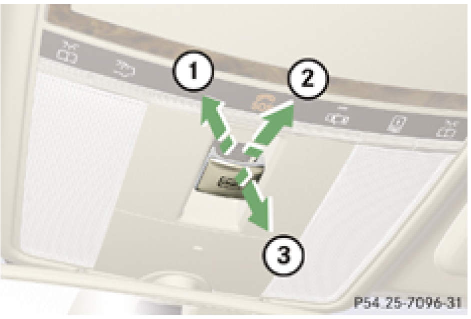
Do not open the tilt/sliding sunroof if there is snow or ice on the roof, as this could result in malfunctions.

If you cannot open or close the tilt/sliding sunroof due to a malfunction contact Roadside Assistance or an authorized Mercedes-Benz Center.

! Please keep in mind that weather conditions can sometimes change rapidly. Make sure to close the tilt/sliding sunroof when leaving the vehicle. If water enters the vehicle interior, vehicle electronics could be damaged which is not covered by the Mercedes-Benz Limited Warranty.

ℹ You can also open or close the tilt/sliding sunroof using the SmartKey or the KEYLESS-GO function, see “Summer opening feature” (▷ page 336) and “Convenience closing feature” (▷ page 337).

ℹ After switching off the ignition or removing the SmartKey from the starter switch, you can operate the tilt/sliding sunroof until you open the driver’s or front passenger door. If no door was opened you can operate the tilt/sliding sunroof for up to 5 minutes.



Sunroof switch

① Raising
② Opening
③ Closing

With the sunroof closed or raised, you can slide the sunroof screen forward and back.

▶ Switch on the ignition.

Opening

▶ **Opening manually:** Press and hold the sunroof switch to the resistance point in direction of arrow ②.

▶ Release the sunroof switch when the desired position is reached.

▶ **Express operation:** To open the tilt/sliding sunroof completely, press the

▷▷

Power tilt/sliding sunroof

sunroof switch past the resistance point in direction of arrow ② and release.

- **Stopping during express operation:** Move the sunroof switch in any direction.

ℹ Express opening is not available when the tilt/sliding sunroof is raised. The tilt/sliding sunroof must be closed first.

ℹ When the tilt/sliding sunroof is open, resonance noises may result in addition to the usual wind noises. They are caused by minimal pressure changes in the passenger compartment. To reduce or eliminate these noises, change the position of the tilt/sliding sunroof or open a window slightly.

Raising

- **Raising manually:** Press and hold the sunroof switch to the resistance point in direction of arrow ①.
- Release the sunroof switch when the desired position is reached.
- **Express operation:** To raise the tilt/sliding sunroof completely, press the sunroof switch past the resistance point in direction of arrow ① and release.
- **Stopping during express operation:** Move the sunroof switch in any direction.

ℹ Express raising is not available when the tilt/sliding sunroof is open. The tilt/sliding sunroof must be closed first.

Closing

- **Closing manually:** Pull and hold the sunroof switch to the resistance point in direction of arrow ③.
- Release the sunroof switch when the desired position is reached.
- **Express operation:** To close the tilt/sliding sunroof completely, pull the sunroof switch past the resistance point in direction of arrow ③ and release.
- **Stopping during express operation:** Move the sunroof switch in any direction.

Closing when the tilt/sliding sunroof is blocked

⚠ **Warning!**

Make sure that nobody can become trapped and be seriously or even fatally injured when closing the tilt/sliding sunroof with greater force or without automatic reversal function.

If the movement of the tilt/sliding sunroof is blocked during the closing procedure (e.g. by ice or pollution), the tilt/sliding sunroof will stop and open slightly. However, the tilt/sliding sunroof will exert greater force before reversing than when the tilt/sliding sunroof is closed in express operation. Please exercise caution!

- Immediately after the tilt/sliding sunroof has stopped because it was blocked, pull the sunroof switch in direction of arrow ③ until the tilt/sliding sunroof is fully closed.

If the tilt/sliding sunroof is blocked again and opens slightly:

- Immediately after the tilt/sliding sunroof was blocked, pull the sunroof switch in direction of arrow ③ until the tilt/sliding sunroof is fully closed.

⚠ **Warning!**

Pulling and holding the sunroof switch to close the tilt/sliding sunroof immediately after it had been blocked two times will cause the tilt/sliding sunroof to close without any reversal function for as long as you hold the sunroof switch.

Synchronizing

The tilt/sliding sunroof must be synchronized after a malfunction or if it does not open smoothly.

! If the tilt/sliding sunroof cannot be closed or synchronized, contact an authorized Mercedes-Benz Center or call Roadside Assistance.

▶ Switch on the ignition.

▶ Press and hold the sunroof switch in direction of arrow ① (▷ page 407) until the tilt/sliding sunroof is fully raised at the rear.

▶ Keep holding the sunroof switch in direction of arrow ① for approximately 1 second.

▶ Check the express operation feature (▷ page 407).
If the tilt/sliding sunroof opens and closes completely, the roof is synchronized. Otherwise repeat the above steps.

Panorama roof with power tilt/sliding panel

Extending and retracting the roller sunblinds

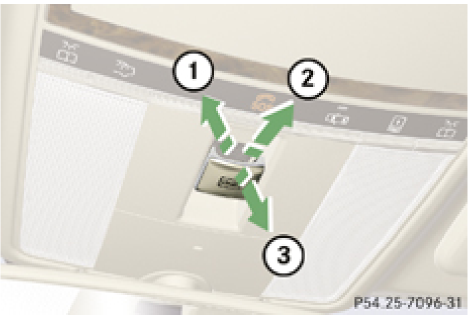
The roller sunblinds only operate with the tilt/sliding panel closed. The front and rear roller sunblind can be operated individually.

▶ Switch on the ignition.

Operating front roller sunblind

⚠ **Warning!**

When extending the front roller sunblind, make sure no one is in danger of being injured by the extending procedure.
The front roller sunblind is equipped with the express operation and automatic reversal function. If the movement of the front roller sunblind is blocked during the extending procedure, the front roller sunblind will stop and retract slightly.
The extending of the front roller sunblind can be immediately halted by releasing the roof panel switch or, if the roof panel switch was moved past the resistance point and released, by moving the roof panel switch in any direction.



Roof panel switch
① Retracting
② Retracting
③ Extending

▶ **Retracting/Extending:** Move the roof panel switch to the resistance point in the required direction of arrow ①, ② or ③ until the front roller sunblind has reached its desired position.

▶ **Express operation:** Move the roof panel switch past the resistance point in direction of arrow ①, ② or ③ and release. The front roller sunblind retracts/extends completely.

▶ **Stopping during express operation:** Move the roof panel switch in any direction.

Panorama roof with power tilt/sliding panel

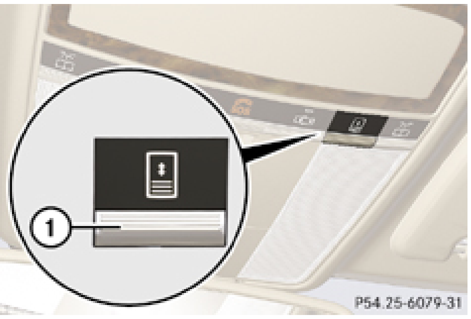
Operating rear roller sunblind from front

⚠ **Warning!**

When extending the rear roller sunblind, make sure no one is in danger of being injured by the extending procedure.

The rear roller sunblind is equipped with the express operation and automatic reversal function. If the movement of the rear roller sunblind is blocked during the extending procedure, the rear roller sunblind will stop and retract slightly.

The extending of the rear roller sunblind can be immediately halted by pressing the sunblind switch again.



① Roller sunblind switch

- **Retracting/Extending:** Press switch ①. The rear roller sunblind retracts/extends completely.
- **Stopping:** Press switch ① again.

To change directions, you must first extend or retract the rear roller sunblind completely.

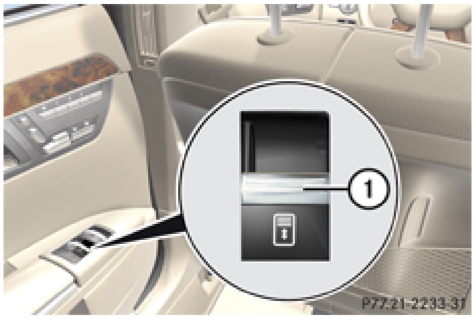
Operating rear roller sunblind from rear

⚠ **Warning!**

When extending the rear roller sunblind, make sure no one is in danger of being injured by the extending procedure.

The rear roller sunblind is equipped with the express operation and automatic reversal function. If the movement of the rear roller sunblind is blocked during the extending procedure, the rear roller sunblind will stop and retract slightly.

The extending of the rear roller sunblind can be immediately halted by releasing the sunblind switch or, if the sunblind switch was moved past the resistance point and released, by pressing or pulling the sunblind switch again.



Rear door control panel

① Roller sunblind switch

- **Retracting/Extending:** Press or pull switch ① until the rear roller sunblind has reached the desired position.
- **Express operation:** Press or pull switch ① past the resistance point and release. The rear roller sunblind retracts or extends completely.
- **Stopping during express operation:** Press or pull switch ① again.

Opening and closing the panorama roof with power tilt/sliding panel

⚠ Warning!

When opening or closing the tilt/sliding panel, make sure there is no danger of anyone being harmed by the opening/closing procedure.

The tilt/sliding panel is equipped with the express operation and automatic reversal function. If the movement of the tilt/sliding panel is blocked during the closing procedure, the tilt/sliding panel will stop and open slightly.

The tilt/sliding panel operates differently when the roof panel switch is pressed and held. See the "Closing when the tilt/sliding panel is blocked" section in this chapter for details.

The opening/closing procedure of the tilt/sliding panel can be immediately halted by releasing the roof panel switch or, if the roof panel switch was moved past the resistance point and released, by moving the roof panel switch in any direction.

⚠ Observe Safety notes, see page 62.

⚠ Warning!

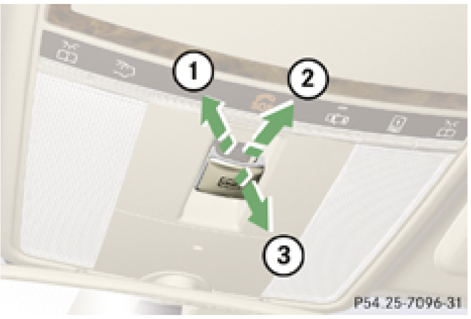
The panorama roof with tilt/sliding panel is made out of glass. In the event of an accident, the glass may shatter. This may result in an opening in the roof.

In a vehicle rollover, occupants not wearing their seat belts or not wearing them properly may be thrown out of the opening. Such an opening also presents a potential for injury for occupants wearing their seat belts properly as entire body parts or portions of them may protrude from the passenger compartment.

! To avoid damaging the seals, do not transport any objects with sharp edges which can stick out of the tilt/sliding panel.

Do not open the tilt/sliding panel if there is snow or ice on the roof, as this could result in malfunctions.

! Please keep in mind that weather conditions can sometimes change rapidly. Make sure to close the tilt/sliding panel when leaving the vehicle. If water enters the vehicle interior, vehicle electronics could be damaged which is not covered by the Mercedes-Benz Limited Warranty.



Roof panel switch

① Raising

② Opening

③ Closing

The tilt/sliding panel only operates with the roof sunblinds retracted.

ℹ You can also open or close the tilt/sliding panel using the SmartKey, see "Summer opening feature" (▷ page 336) or see "Convenience closing feature" (▷ page 337).

ℹ If the front roller sunblind is extended while the tilt/sliding panel is being raised, the roller sunblind will retract first.

Panorama roof with power tilt/sliding panel

- Switch on the ignition.

Opening

- **Opening manually:** Press and hold the roof panel switch to the resistance point in direction of arrow ②.
- Release the roof panel switch when the desired position is reached.
- **Express operation:** To open the tilt/sliding panel completely, press the roof panel switch past the resistance point in direction of arrow ② and release.
- **Stopping during express operation:** Move the roof panel switch in any direction.

ℹ When the tilt/sliding panel is open, resonance noises may result in addition to the usual wind noises. They are caused by minimal pressure changes in the passenger compartment. To reduce or eliminate these noises, change the position of the tilt/sliding panel or open a window slightly.

Raising

- **Raising manually:** Press and hold the roof panel switch to the resistance point in direction of arrow ①.
- Release the roof panel switch when the desired position is reached.
- **Express operation:** To raise the tilt/sliding panel completely, press the roof panel switch past the resistance point in direction of arrow ① and release.
- **Stopping during express operation:** Move the roof panel switch in any direction.

ℹ Express raising is not available when the tilt/sliding panel is open. The tilt/sliding panel must be closed first.

Closing

- **Closing manually:** Pull and hold the roof panel switch to the resistance point in direction of arrow ③.
- Release the roof panel switch when the desired position is reached.
- **Express operation:** To close the tilt/sliding panel completely, pull the roof panel switch past the resistance point in direction of arrow ③ and release.
- **Stopping during express operation:** Move the roof panel switch in any direction.

Closing when the tilt/sliding panel is blocked

⚠ **Warning!**

Make sure that nobody can become trapped and be seriously or even fatally injured when closing the tilt/sliding panel without automatic reversal function.

If the movement of the tilt/sliding panel is blocked during the closing procedure (e. g. by ice or pollution), the tilt/sliding panel will stop and open slightly.

- Immediately after the tilt/sliding panel has stopped because it was blocked, pull the roof panel switch in direction of arrow ③ until the tilt/sliding panel is fully closed.

If the tilt/sliding panel is blocked again and opens slightly:

- Immediately after the tilt/sliding panel was blocked, pull the roof panel switch in direction of arrow ③ until the tilt/sliding panel is fully closed.

⚠ **Warning!**

Pulling and holding the roof panel switch to close the tilt/sliding panel immediately after it had been blocked two times will cause the tilt/sliding panel to close without any reversal function for as long as you hold the roof panel switch.

Synchronizing

The tilt/sliding panel and front roller sunblinds must be synchronized after a malfunction or if the tilt/sliding panel does not open smoothly.

! Do not attempt to open the tilt/sliding panel before the tilt/sliding panel is properly synchronized. The tilt/sliding panel could otherwise lock-up in the open position.

If the tilt/sliding panel cannot be closed or synchronized, contact an authorized Mercedes-Benz Center or call Roadside Assistance.

Tilt/sliding panel and front roller sunblind

- Switch on the ignition.
- Pull and hold the roof panel switch several times in direction of arrow ③ (▷ page 409) until the tilt/sliding panel is fully closed.
- Keep holding the roof panel switch in direction of arrow ③ for approximately 1 second.
- Pull and hold the roof panel switch several times in direction of arrow ③ until the front roller sunblind is fully extended.
- Keep holding the roof panel switch in direction of arrow ③ for approximately 1 second.
- Check the express operation feature of the front roller sunblind.
  If the front roller sunblind retracts completely, the front roller sunblind is synchronized. Otherwise repeat the above steps.
- Check the express operation feature of the tilt/sliding panel (▷ page 411).
  If the tilt/sliding panel opens completely, the tilt/sliding panel is synchronized. Otherwise repeat the above steps.

Rear roller sunblind

- Switch on the ignition.
- Pull switch ① (▷ page 410) in the rear door control panel several times until the rear roller sunblind is fully extended.
- Keep holding switch ① for approximately 1 second.
- Check the express operation feature of the front roller sunblind.
  If the rear roller sunblind retracts completely, the rear roller sunblind is synchronized. Otherwise repeat the above steps.

Loading and storing

Loading instructions

⚠ **Warning!**

Always fasten items being carried as securely as possible using cargo tie-down hooks and fastening materials appropriate for the weight and size of the load.

In an accident, during hard braking or sudden maneuvers, loose items will be thrown around inside the vehicle and can cause injury to vehicle occupants unless the items are securely fastened in the vehicle.

To help avoid personal injury during a collision or sudden maneuver, exercise care when transporting cargo. Do not pile luggage or cargo higher than the seat backrests.

The trunk is the preferred place to carry objects. Always use cargo tie-down hooks when transporting cargo. Do not place anything on the rear-window shelf.

Never drive vehicle with the trunk open. Deadly carbon monoxide (CO) gases may enter vehicle interior resulting in unconsciousness and death.

Load distribution

The total load weight including vehicle occupants and luggage/cargo should not exceed the total load limit indicated on the corresponding Tire and Loading Information placard located on the driver's door B-pillar (▷ page 453).

The handling characteristics of a fully loaded vehicle depend greatly on the load distribution. It is therefore recommended to load the vehicle accordingly with the heaviest items being placed towards the front of the vehicle.

Please pay attention to and comply with the following instructions when loading the vehicle and transporting cargo:

- Always place items being carried against front or rear seat backrests, and fasten them as securely as possible.
- The heaviest portion of the cargo should always be kept as low as possible against front or rear seat backrests.

Roof rack

For information about further roof rack equipment, contact an authorized Mercedes-Benz Center.

⚠ **Warning!**

Only use roof racks approved by Mercedes-Benz for your vehicle model to avoid damage to the vehicle.

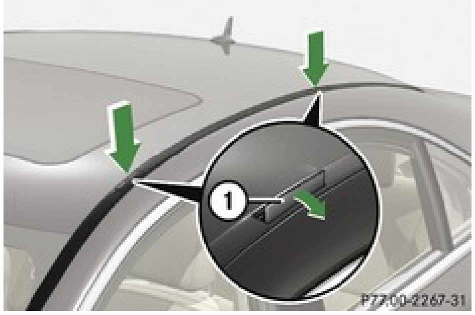
Follow the manufacturer's installation instructions. Otherwise, an improperly attached roof rack system or its load could become detached from the vehicle.

Do not exceed the maximum roof load of 220 lb (100 kg).

Take into consideration that when the roof rack is loaded, the handling characteristics are different from those when operating the vehicles without the roof rack loaded.

Make sure

- you can raise the tilt/sliding sunroof or the panorama roof with tilt/sliding panel completely
- you can open the trunk completely



① Trim cover

- ▶ Flip trim covers ① open.
- ▶ Only attach the roof rack to the anchorage points under trim covers ①.
- ▶ Observe manufacturer’s instructions for installation.

Parcel nets

⚠ Warning!

The parcel net is intended for storing lightweight items only, such as road maps, mail, etc.

Heavy objects, objects with sharp edges or fragile objects may not be transported in the parcel net. In an accident, during hard braking, or sudden maneuvers, they could be thrown around inside the vehicle and cause injury to vehicle occupants.

The parcel net cannot protect transported goods in the event of an accident.

Parcel nets are located in the front passenger footwell and on each side of the left and right trunk side walls.

Storage compartments

⚠ Warning!

To help avoid personal injury during a collision or sudden maneuver, exercise care when storing objects in the vehicle. Put luggage or cargo in the trunk if possible.

Do not pile luggage or cargo higher than the seat backrests.

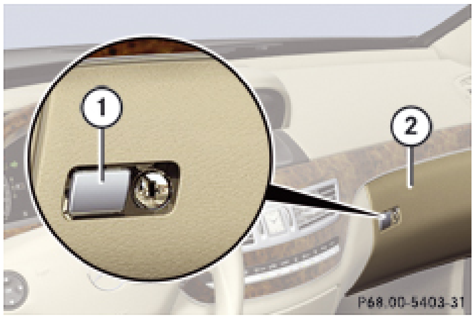
Parcel nets cannot secure hard or heavy objects.

Keep compartment lids closed. This will help to prevent stored objects from being thrown about and injuring vehicle occupants during

- braking
- vehicle maneuvers
- an accident

Loading and storing

Glove box



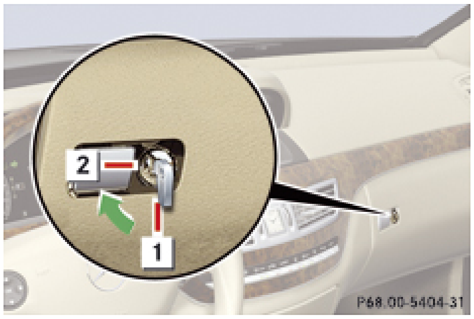
① Glove box lid release
② Glove box lid

- **Opening:** Press glove box lid release ①.
- **Closing:** Push glove box lid ② up until it engages.

Locking and unlocking the glove box separately

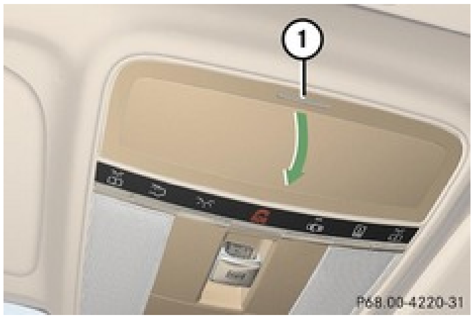
You can lock the glove box separately, e.g. when the vehicle is in the shop for service.

The glove box can only be locked or unlocked with the mechanical key.



1 Unlocking glove box
2 Locking glove box

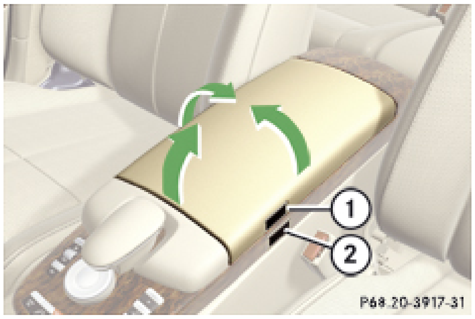
Eyeglasses compartment



① Eyeglasses compartment mark

- **Opening:** Press eyeglasses compartment mark ①.
- **Closing:** Swing eyeglasses compartment upward until it engages.

Front armrest storage compartments

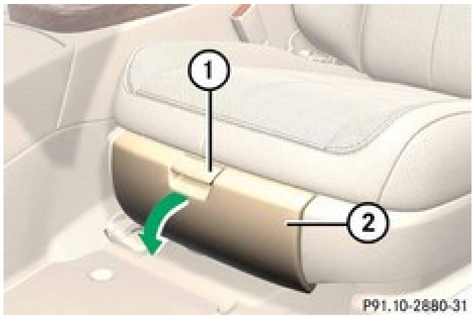


① Button for storage tray/telephone compartment
② Button for storage compartment

- **Opening storage tray/telephone compartment:** Press button ① and swing armrest to left or right side.
- **Opening storage compartment:** Press button ② and swing armrest upward.

Seat storage compartments

Storage compartments are located in the seat base of each front seat.



① Handle
② Storage compartment lid

- ▶ **Opening:** Pull handle ① up.
- ▶ Fold storage compartment lid ② forward.

Storage bags

⚠ Warning!
Do not place objects with a combined weight of more than 4.4 lb (2 kg) into the storage bag. Otherwise, the Occupant Classification System OCS may not be able to properly approximate the occupant weight category.

The storage bag is intended for storing light-weight items only.

Heavy objects, objects with sharp edges or fragile objects may not be transported in the storage bag. In an accident, during hard braking, or sudden maneuvers, they could be thrown around inside the vehicle and cause injury to vehicle occupants.

The storage bag cannot protect transported goods in the event of an accident.

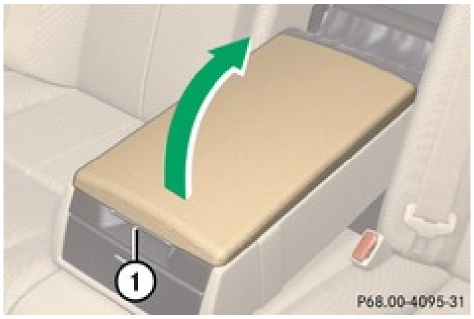
Storage bags are located on the back of the front seats.

Rear storage compartments

Armrest with integrated storage compartment

! Before storing the armrest in the seat backrest, close the storage compartment cover.

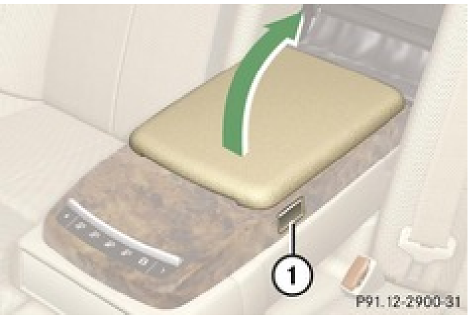
! Do not sit on or lean your body weight against the armrest when it is folded down, as you could otherwise damage it.



Vehicles without control panel in rear armrest
① Release catch

- ▶ **Opening:** Pull down the armrest.
- ▶ Pull release catch ① and swing the storage compartment cover upward in direction of arrow.

Loading and storing

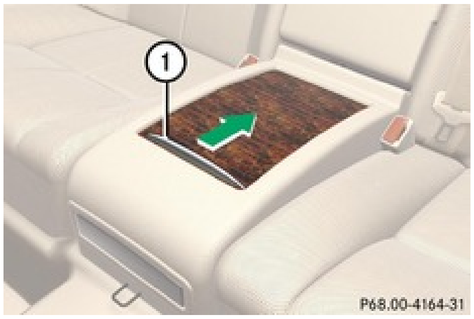


Vehicles with control panel in rear armrest

① Button

▶ **Opening:** Press button ① and swing the storage compartment cover upward in direction of arrow.

Storage compartment between rear seats



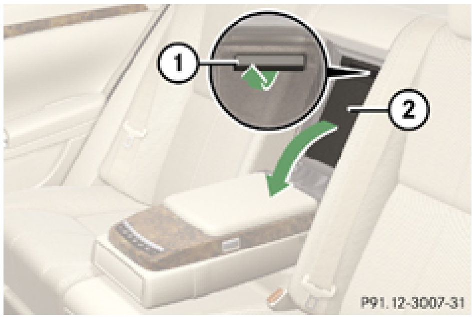
① Handle

▶ **Opening:** Pull handle ① backward in the direction of arrow.

Rear storage box

! Do not sit on or lean your body weight against the armrest when it is folded down, as you could otherwise damage it.

ℹ When the rear seats are in their basic position, you can open the cover more easily.



① Handle

② Cover

▶ Fold down rear armrest.

▶ Pull handle ① upward in direction of arrow.

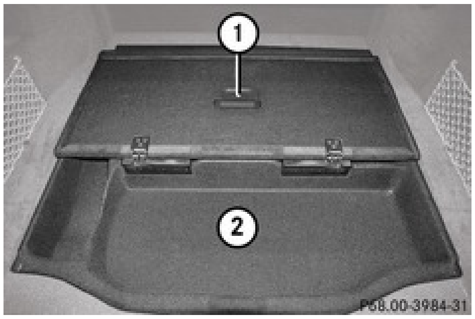
▶ Swing down cover ② in direction of arrow.

Storage spaces under trunk floor

Front storage space

You can place a suitcase in the hollow under the front part of the trunk floor.

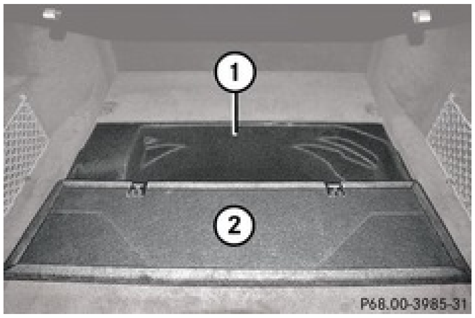
! Fold down the suitcase handle before closing the trunk to avoid damaging the trunk lid.



① Trunk floor
② Suitcase storage space

Rear storage space

Only the S 600 is equipped with the rear storage space.



① Storage space
② Trunk floor

Useful features

Cup holders

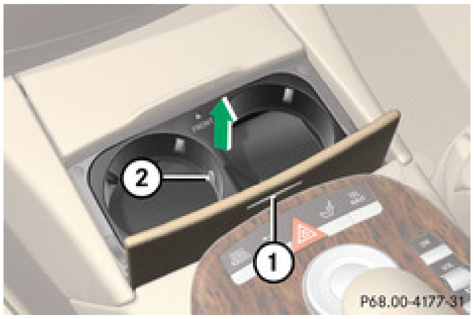
⚠ **Warning!**

In order to help prevent spilling liquids on vehicle occupants and/or vehicle equipment, only use containers that fit into the cup holder. Use lids on open containers and do not fill containers to a height where the contents, especially hot liquids, could spill during braking, vehicle maneuvers, or in an accident. Liquids spilled on vehicle occupants may cause serious personal injury. Liquids spilled on vehicle equipment may cause damage not covered by the Mercedes-Benz Limited Warranty.

When not in use, keep the cup holder closed. An open cup holder may cause injury to you or others when contacted during braking, vehicle maneuvers, or in an accident.

Keep in mind that objects placed in the cup holder may come loose during braking, vehicle maneuvers, or in an accident and be thrown around in the vehicle interior. Objects thrown around in the vehicle interior may cause an accident and/or serious personal injury.

Cup holder in front center console



① Chrome label
② Handle

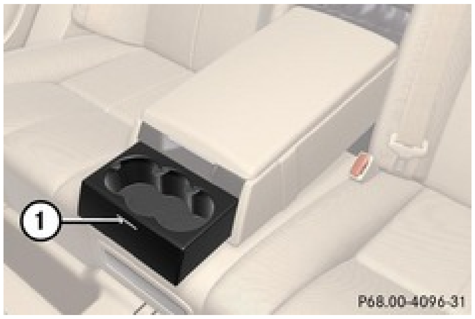
- ▶ **Opening:** Press chrome label ①.
- ▶ **Closing:** Fold cover in until it engages.

The front cup holder can be removed for cleaning purposes.

- ▶ **Removing:** Pull cup holder out by pulling handle ② upward in direction of arrow.
- ▶ **Reinstalling:** Press handle ② downward until it engages. While doing so, make sure that the word “Front” is in the proper installation position.

Useful features

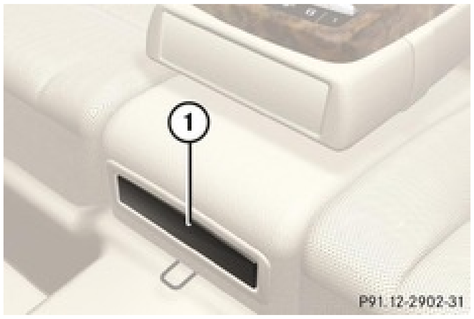
Rear cup holder



Vehicles without control panel in rear armrest

① Chrome label

▶ **Opening:** Press chrome label ①.



Vehicles with control panel in rear armrest

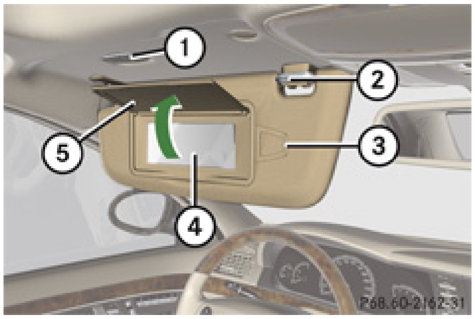
① Cup holder

▶ **Opening:** Press front of cup holder ①.

Sun visors

⚠ **Warning!**

Do not use the vanity mirror while driving. Keep the vanity mirrors in the sun visors closed while vehicle is in motion. Reflected glare can endanger you and others.



① Vanity mirror lamp

② Mounting

③ Holder, e.g. for gas cards

④ Vanity mirror

⑤ Vanity mirror cover

Glare through the windshield

▶ Flip sun visor down when you experience glare.

Glare through a door window

▶ Close vanity mirror cover ⑤ if opened.

▶ Disengage sun visor from mounting ②.

▶ Pivot sun visor to the side.

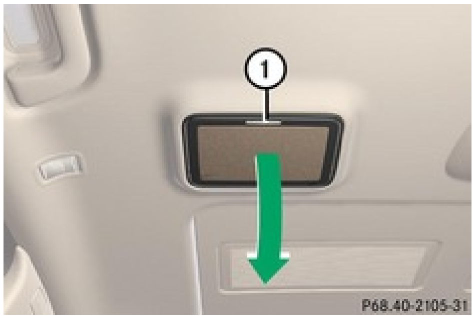
Vanity mirror

The mirror lamp only functions when the sun visor is engaged in mounting.

▶ Flip sun visor down.

▶ Lift up vanity mirror cover ⑤.
Vanity mirror lamp ① comes on.

Rear vanity mirror



① Mark

▶ **Opening:** Press mark ①.
The vanity mirror swings down in direction of arrow.

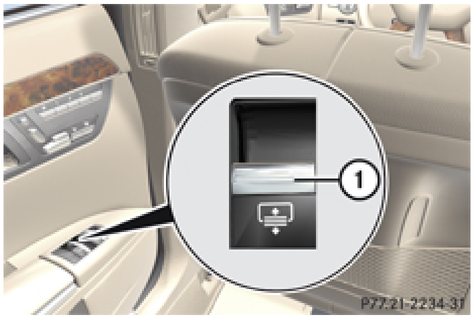
▶ **Closing:** Swing vanity mirror up until it engages.

Rear window sunshade

⚠ **Warning!**
When operating the rear window sunshade make sure there is no danger of anyone being harmed by the extending or retracting procedure.

The extending or retracting procedure can be immediately halted by briefly pressing rear window sunshade switch. To reverse direction of movement, press rear window sunshade switch again.

⚠ **Observe Safety notes, see page 62.**



① Rear window sunshade switch

You can also operate the rear window sunshade via COMAND (▷ page 225) or via the favorite button (▷ page 98). If you operate the rear window sunshade via COMAND or via the favorite button, this takes precedence over the rear window sunshade buttons on the rear doors.

ℹ Operating the rear window sunshade from the rear is not possible if you activate the override switch (▷ page 67).

ℹ The rear window sunshade is switched off at temperatures below -4℉ (-20℃).

Always extend the sunshade fully for its support against the window frame.

▶ Switch on the ignition.

▶ **Extending/Retracting:** Press or pull the rear window sunshade switch ① past the resistance point.

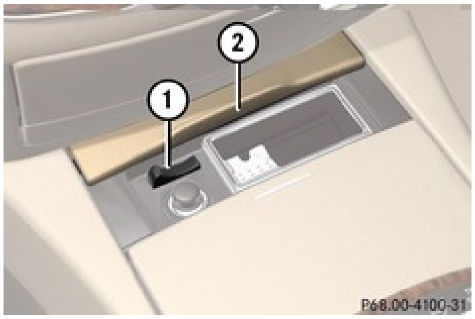
Useful features

Ashtrays

Center console ashtray

⚠ **Warning!**

Remove front ashtray insert only with vehicle standing still.

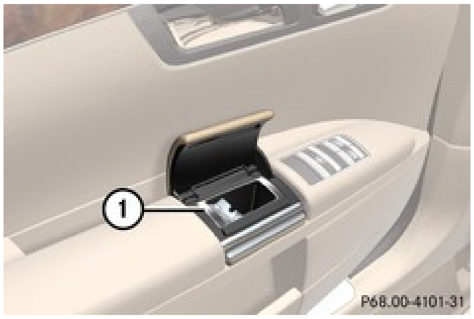


① Button

② Cover plate

- **Opening:** Press mark on cover plate ② forward.
- **Removing ashtray insert:** Push button ① to the left.
  The ashtray is disengaged and slides out a short way.
- Grab and remove ashtray insert from ashtray frame.
- **Reinstalling ashtray insert:** Push the ashtray insert back into the frame until it engages.
- **Closing:** Briefly press mark on cover plate ② forward.

Rear door ashtray



① Ashtray insert

- **Opening:** Lift up the cover.
- **Removing ashtray insert:** Press the open cover outwards beyond the stop.
  Ashtray insert ① pops out of the holder.
- Remove insert by pulling it upwards.
- **Reinstalling ashtray insert:** Push ashtray insert ① back into frame until it engages.
- **Closing:** Push cover downwards.

Cigarette lighters

⚠ **Observe Safety notes, see page 62.**

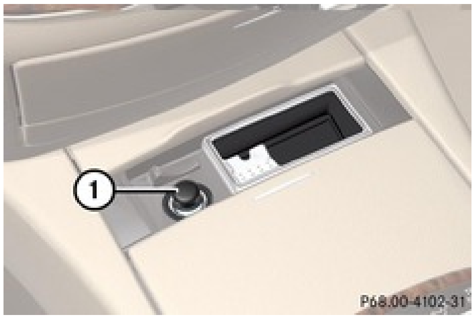
⚠ **Warning!**

Never touch the heating element or sides of the lighter; they are extremely hot. Hold the knob only.

Make sure any children traveling with you do not injure themselves or start a fire with the hot cigarette lighter.

To avoid possible injury to children sitting in the rear seat, activate the override switch. Activation of the override switch deactivates the rear center console lighter.

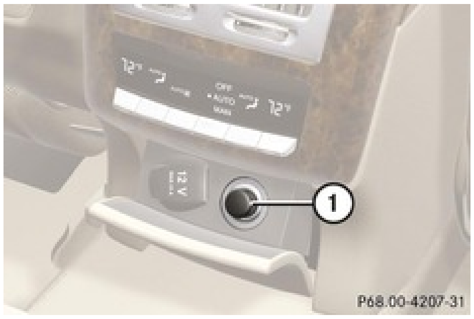
If the engine is off and the cigarette lighter is being used extensively, the vehicle battery may become discharged.



Center console

① Cigarette lighter

- ▶ Switch on the ignition.
- ▶ Open the cover plate (▷ page 422).
- ▶ Push in cigarette lighter ①.
  Cigarette lighter ① will pop out automatically when hot.
- ▶ Take out cigarette lighter ①.
- ▶ Reinsert cigarette lighter ① in its socket after use.



Rear center console

① Cigarette lighter

- ▶ Switch on the ignition.
- ▶ Open the cover plate.
- ▶ Push in cigarette lighter ①.
  Cigarette lighter ① will pop out automatically when hot.

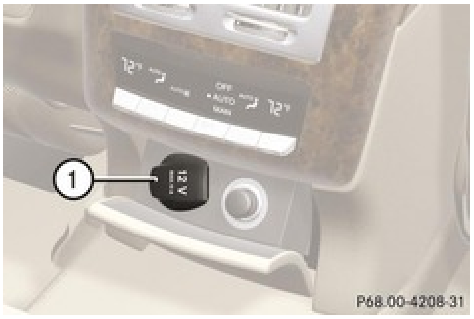
! The lighter socket can be used to accommodate 12V DC electrical accessories (up to a maximum of 85 W) designed for use with the standard “cigarette lighter” plug type. Keep in mind, however, that connecting accessories to the lighter socket (for example extensive connecting and disconnecting, or using plugs that do not fit properly) can damage the lighter socket. With the socket damaged, the lighter may not function properly any longer.

Power outlets

The power outlets can be used to accommodate 12V DC electrical accessories (e.g. auxiliary lamps, mobile phone chargers) up to a maximum of 15 A (180 W).

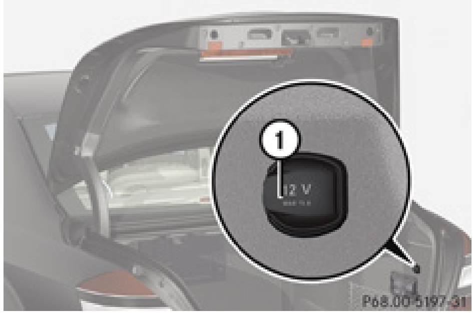
If the engine is off and the power outlets are being used extensively, the vehicle battery may become discharged.

- ▶ Switch on the ignition.



Rear center console

① Power outlet



① Power outlet

Telephone

ℹ Various mobile phone cradles can be installed in the front center armrest, see separate installation instructions for the mobile phone cradle. These mobile phone cradles can be obtained from an authorized Mercedes-Benz Center.

The functions and services available to you while using the mobile phone depend on your service provider and the type of mobile phone you are using. See also separate operating manual for instructions on how to use your mobile phone.

Radio transmitters, such as a portable telephone or a citizens band unit, should only be used inside the vehicle if they are connected to an antenna that is installed on the outside of the vehicle.

The external antenna must be approved by Mercedes-Benz. Please contact an authorized Mercedes-Benz Center for information on the installation of an approved external antenna. Refer to the radio transmitter operation instructions regarding use of an external antenna.

ℹ The roof cargo container may impair mobile phone reception. In an emergency, remove the mobile phone from the mobile phone cradle to make a call.

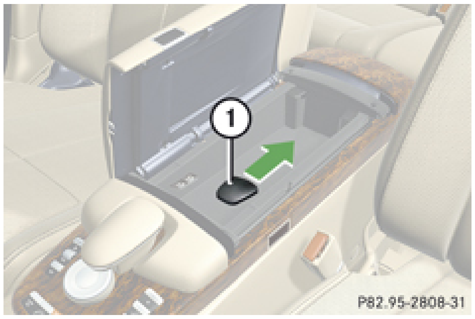
When the mobile phone is inserted in the cradle, you can operate the telephone using the following devices:

- mobile phone keypad
- COMAND telephone keypad (▷ page 85)
- buttons ☎ and ☎ on the multifunction steering wheel (▷ page 237)
- Voice Control System (▷ page 254)
- Bluetooth® headset (▷ page 168)

Please note that these functions are only available with Mercedes-Benz approved mobile phones. Please contact an authorized Mercedes-Benz Center for information on features available for your mobile phone of choice.

The contact plate for the mobile phone cradle is located in the front center armrest.

▶ Open telephone compartment (▷ page 416).



① Cover for contact plate

▶ Pull cover for contact plate ① in direction of arrow.
You can now access the contact plate.

▶ Install a mobile phone cradle, see separate installation instructions for the cradle.

Tele Aid

! In order to activate the Tele Aid system, a subscriber agreement must be completed. To ensure your system is activated and operational, please press the ⓘ button to perform the acquaintance call. Failure to complete either of these steps may result in a system that is not activated.

If you have any questions regarding activation, please call the Response Center at 1-800-756-9018 (in the USA) or 1-888-923-8367 (in Canada).

Shortly after the completion of your Tele Aid acquaintance call, you will receive a user ID and password in the mail. You may use this password to access the Tele Aid section in “Owner’s Online” at **www.mbusa.com** (USA only). The “My Tele Aid” section will give you access to account information, remote door unlock and more.

The Tele Aid system is available if

- it has been activated and is operational. Activation requires a subscription for monitoring services, connection and cellular air time.
- vehicle battery power is available.
- the relevant cellular phone network and GPS signals are available and pass the information on to the Response Center.

ℹ Location of the vehicle on a map is only possible if the vehicle is able to receive signals from the GPS satellite network and pass the information on to the Response Center.

The Tele Aid system

(Telematic Alarm Identification on Demand)

The Tele Aid system consists of three types of response:

- Automatic and manual emergency
- Roadside Assistance
- Information

The Tele Aid system is operational providing that the vehicle’s battery is charged, properly connected, not damaged, and cellular and GPS coverage is available. The Tele Aid system utilizes the cellular network for communication and the GPS (Global Positioning System) satellites for vehicle location. If either of these signals are unavailable, the Tele Aid system may not function and if this occurs, assistance must be summoned by other means.

To adjust the speaker volume during a Tele Aid call do the following:

▶ Press button + or – on the multifunction steering wheel.

or

▶ Use the COMAND volume thumbwheel VOL on the lower part of the front center console (▷ page 92).

System self-test

The system performs a self-test after you have switched on the ignition.

⚠ **Warning!**

If the indicator lamps in the SOS button, in the Roadside Assistance button 🔧 and/or in the Information button ⓘ do not come on during the system self-test, or if any of these indicators remain illuminated constantly in red and/or the message `Tele Aid Not Activated` or `Tele Aid Inoperative` is displayed in the multifunction display after the system self-

▷▷

test, a malfunction in the system has been detected.

If a malfunction is indicated as outlined above, the system may not operate as expected. In case of an emergency, help will have to be summoned by other means.

Have the system checked at the nearest Mercedes-Benz Center or contact the Response Center at 1-800-756-9018 (in the USA) or 1-888-923-8367 (in Canada) as soon as possible.

Emergency calls

! In order to activate the Tele Aid system, a subscriber agreement must be completed. To ensure your system is activated and operational, please press the •⊢ button to perform the acquaintance call. Failure to complete either of these steps may result in a system that is not activated.

If you have any questions regarding activation, please call the Response Center at 1-800-756-9018 (in the USA) or 1-888-923-8367 (in Canada).

An emergency call is initiated automatically following an accident in which the Emergency Tensioning Devices (ETDs) or air bags deploy.

An emergency call can also be initiated manually (▷ page 427).

Once the emergency call is in progress, the indicator lamp in the SOS button will begin to flash. The message `Connecting Call` appears in the multifunction display. `Emergency Call Activated` appears in the COMAND display and the audio system is muted. When the connection is established, the message `Call Connected` appears in the multifunction display. `Emergency Call Activated` appears in the COMAND display.

All information relevant to the emergency, such as the location of the vehicle (determined by the GPS satellite location system), vehicle model, identification number and color are generated.

ℹ During the emergency call message `Emergency Call Activated` is displayed, operation from audio system or COMAND system is not possible. The climate control can be still adjusted using the switches on the climate control panel.

A voice connection between the Response Center and the occupants of the vehicle will be established automatically soon after the emergency call has been initiated. The Response Center will attempt to determine more precisely the nature of the emergency provided they can speak to an occupant of the vehicle.

ℹ If no vehicle occupant responds, an ambulance will be sent to the vehicle immediately.

⚠ **Warning!**

If the indicator lamp in the SOS button is flashing continuously and there was no voice connection to the Response Center established, then the Tele Aid system could not initiate an emergency call (e.g. the relevant cellular phone network is not available).

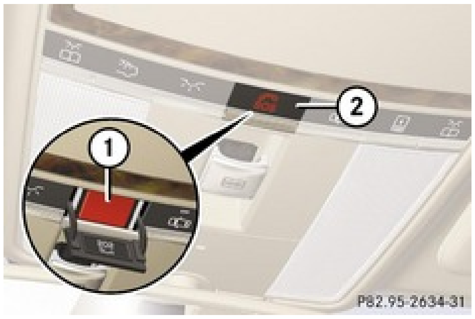
The message `Call Failed` appears in the multifunction display for approximately 10 seconds.

Should this occur, assistance must be summoned by other means.

ℹ During the emergency call the telephone is switched off automatically and must be switched back on to make a call.

ℹ The “911” emergency call system is a public service. Using it without due cause is a criminal offense.

Initiating an emergency call manually



① SOS button
② Cover

- Briefly press on cover ② to open.
- Press SOS button ① briefly.
  The indicator lamp in SOS button ① will flash until the emergency call is concluded.
- Wait for a voice connection to the Response Center.
- Close cover ② after the emergency call is concluded.

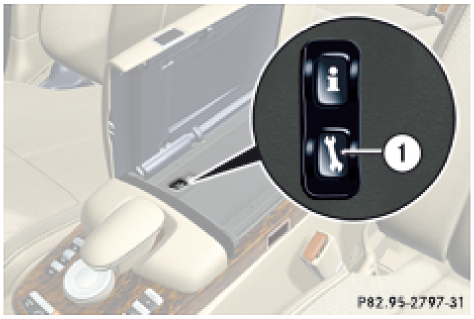
⚠ **Warning!**

If you feel at any way in jeopardy when in the vehicle (e.g. smoke or fire in the vehicle, vehicle in a dangerous road location), please do not wait for voice contact after you have pressed the emergency button.

Carefully leave the vehicle and move to a safe location. The Response Center will automatically contact local emergency officials with the vehicle's approximate location if they receive an automatic SOS signal and cannot make voice contact with the vehicle occupants.

Roadside Assistance button

- Open the storage compartment (▷ page 416).



① Roadside Assistance button 🔧

- Press and hold Roadside Assistance button 🔧 for longer than 2 seconds.
  A call to a Mercedes-Benz Roadside Assistance dispatcher will be initiated. The indicator lamp in the Roadside Assistance button 🔧 will flash while the call is in progress. The message `Connecting Call` will appear in the multifunction display. `Roadside Assistance Activated` appears in the COMAND Display. The audio system or the COMAND system is muted.

When the connection is established, the message `Call Connected` appears in the multifunction display. `Roadside Assistance Activated` appears in the COMAND display. The Tele Aid system will transmit data generating the vehicle identification number, model, color and location (subject to availability of cellular and GPS signals).

ℹ The COMAND system display indicates that a Tele Aid call is in progress. While the call is connected you can change to the navigation menu by pressing the TEL NAVI shortcut button. Spoken commands are not available.

A voice connection between the Roadside Assistance dispatcher and the occupants of the vehicle will be established.

- Describe the nature of the need for assistance.

The Mercedes-Benz Roadside Assistance dispatcher will either dispatch a qualified Mercedes-Benz technician or arrange to tow your vehicle to the nearest authorized Mercedes-Benz Center. For services such as labor and/or towing, charges may apply. Refer to the Roadside Assistance manual for more information.

The following is only available in the USA: Sign and Drive services: Services such as a jump start, a few gallons of fuel or the replacement of a flat tire with the vehicle spare tire are obtainable at no charge.

ⓘ If the indicator lamp in the Roadside Assistance button 🔧 is flashing continuously and there was no voice connection to the Response Center established, then the Tele Aid system could not initiate a Roadside Assistance call (e.g. the relevant cellular phone network is not available). The message `Call Failed` appears in the multifunction display. `Call could not be connected!` appears in the COMAND display. Confirm the message pressing ⊛ (▷ page 85).

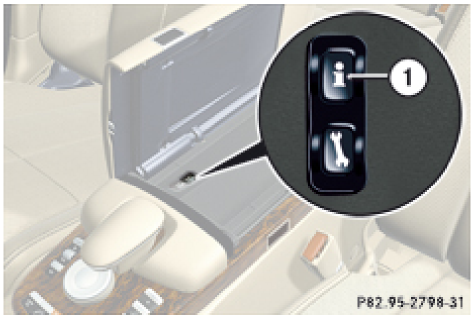
▶ **Terminating calls:** Press button ☎ on the multifunction steering wheel.

or

▶ Press the respective button for ending a telephone call on the telephone keypad.

Information button

▶ Open the storage compartment (▷ page 416).



① Information button ⓘ

▶ Press and hold Information button ⓘ for longer than 2 seconds.
A call to the Customer Assistance Center will be initiated. The indicator lamp in the Information button ⓘ will flash while the call is in progress. The message `Connecting Call` will appear in the multifunction display. `Information Call Activated` appears in the COMAND display. The audio system or the COMAND system is muted.

When the connection is established, the message `Call Connected` appears in the multifunction display. The Tele Aid system will transmit data generating the vehicle identification number, model, color and location (subject to availability of cellular and GPS signals).

When the connection is established, the message `Call Connected` appears in the multifunction display. `Information Call Activated` appears in the COMAND display. The Tele Aid system will transmit data generating the vehicle identification number, model, color and location (subject to availability of cellular and GPS signals).

ⓘ The COMAND system display indicates that a Tele Aid call is in progress. While the call is connected you can change to the navigation menu by pressing the TEL NAVI shortcut button. Spoken commands are not available.

A voice connection between the Customer Assistance Center representative and the occupants of the vehicle will be established.

Information regarding the operation of your vehicle, the nearest authorized Mercedes-Benz Center or Mercedes-Benz USA products and services is available to you.

For more details concerning the Tele Aid system, please visit **www.mbusa.com** (USA only), log in to "Owner's Online" and visit the "My Tele Aid" section to learn more.

ℹ If the indicator lamp in the Information button •⊓ is flashing continuously and there was no voice connection to the Response Center established, then the Tele Aid system could not initiate an Information call (e.g. the relevant cellular phone network is not available). The message `Call Failed` appears in the multifunction display. `Call could not be connected!` appears in the COMAND display. Confirm the message pressing ⊛ (▷ page 85).

- **Terminating calls:** Press button ☎ on the multifunction steering wheel.

or

- Press the respective button for ending a telephone call on the telephone keypad.

Call priority

If other service calls such as a Roadside Assistance call or Information call are active, an emergency call is still possible. In this case, the emergency call will take priority and override all other active calls.

The indicator lamp in the respective button flashes until the call is concluded. Emergency calls can only be terminated by a Response Center or Customer Assistance Center representative. All other calls can be terminated by pressing button ☎ on the multifunction steering wheel or the respective button for ending a telephone call on the telephone keypad.

ℹ When a Tele Aid call has been initiated, the audio system is muted. The optional mobile phone (if installed) switches off. If you must use this phone, we recommend that you use it only with the vehicle at a standstill in a safe location. Unplug the telephone, switch it on and place the call. The navigation system (if engaged) will continue to run. The multifunction display in the instrument cluster is available for use, but spoken commands are not available.

Destination Download to the COMAND system

ℹ The components and operating principles of the COMAND system can be found on (▷ page 83).

Destination Download allows you access to a database of over 10 million points of interest (POIs) that can be downloaded to your vehicle's navigation system. If you know the destination, the address can be downloaded, or can be provided with points of interests near your location.

The Response Center can transmit destination data to the COMAND system during the connection with the Roadside Assistance or Customer Assistance Center.

The transmitted data can contain address details for a Mercedes-Benz Center or POIs.

Route guidance

You will be prompted to confirm that route guidance to the entered address is to be started.

- Slide ↑◎↓ or rotate ⟲◎⟳ to select `Yes` menu item and confirm by pressing ⊛.

The system calculates the route and subsequently starts the route guidance to the defined address.

▷▷

ⓘ If you select No, you can save the address to your address book.

ⓘ The Destination Download feature is available if the relevant mobile phone network is available and data connection is possible.

Search and Send

ⓘ In order to utilize Search & Send your vehicle must be equipped with Tele Aid, Navigation, and an active Tele Aid subscription.

"Search & Send" is a navigation destination address entry service. A destination address located using Google Maps® or Yahoo Local Maps® website can be delivered via Tele Aid directly to the navigation system in your vehicle.

Specify and Send a Destination Address

ⓘ Please refer to any specific instructions provided by either website regarding entering or sending an address. Each website functions differently and is subject to change.

▶ Go to **www.maps.google.com** or **www.maps.yahoo.com** and enter a destination address in the address entry field.

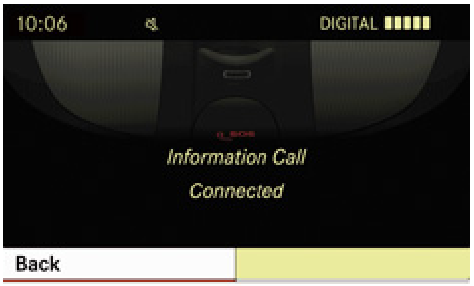
▶ Depending on which website you are using, click on the appropriate button to send the destination address to your Tele Aid account email address.

▶ Enter the email address you specified when you activated your Tele Aid account in the appropriate field when the "Send" dialog box appears.

▶ Click "Send".

Retrieve Destination Address

▶ Press the Tele Aid Information button to begin the download of the destination address to your vehicle's navigation system.



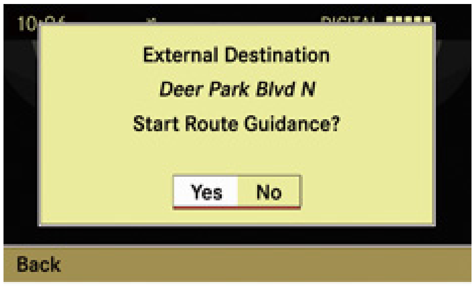
Information Call

Connected

P82.86-8120-31

ⓘ If you have sent more than one destination address to your vehicle you must make one Information call for each destination address download.

▶ Select Yes when the message appears asking if you would like to start navigation. This will open the start navigation screen.



External Destination

Deer Park Blvd N

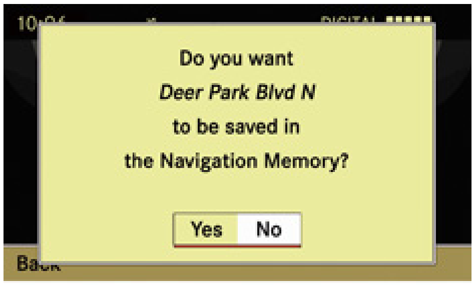
Start Route Guidance?

P82.86-8121-31

▶ Select Start.

or

▶ Select No if you wish to save the downloaded destination address in the From Memory destination list for future use.



Do you want
Deer Park Blvd N
to be saved in
the Navigation Memory?

P82.86-8122-31

ⓘ Destination addresses will download in the same order they were sent. If you have multiple Mercedes-Benz vehicles equipped with Tele Aid and active accounts, each destination address sent will be retrievable by all vehicles associated with the e-mail address you specified for your Tele Aid account.

Remote door unlock

In case you have locked your vehicle unintentionally (e.g. SmartKey inside vehicle), and the reserve SmartKey is not available:

▶ Contact the Response Center at 1-800-756-9018 (in the USA) or 1-888-923-8367 (in Canada).
You will be asked to provide your password.

▶ Then return to your vehicle at the time arranged with the Response Center and pull the trunk lid handle for a minimum of 20 seconds until the indicator lamp in the SOS button is flashing.
The message `Connecting Call` appears in the multifunction display.

As an alternative, you may unlock the vehicle via Internet in the “My Tele Aid” section of “Owner’s Online”, using your ID and password (USA only).

The Response Center will then unlock your vehicle with the remote door unlocking feature.

ⓘ The remote door unlock feature is available if the relevant cellular phone network is available.

The SOS button will flash and the message `Connecting Call` will appear in the multifunction display to indicate receipt of the door unlock command.

Once the vehicle is unlocked, a Response Center specialist will attempt to establish voice contact with the vehicle occupants.

If the trunk lid handle was pulled for more than 20 seconds before door unlock authorization was received by the Response Center, you must wait 15 minutes before pulling the trunk lid handle again.

Remote door lock

If you have forgotten to lock your vehicle and are no longer near it, you can have it locked remotely through the Response Center.

The vehicle can be remotely locked within 4 days after the ignition has been switched off.

▶ Contact the Response Center at 1-800-756-9018 (in the USA) or 1-888-923-8367 (in Canada).
You will be asked to provide your password.

When you are inside your vehicle the next time and switch on the ignition, the message `Tele Aid Doors Locked Remotely` will appear on the multifunction display.

ⓘ The remote door lock feature is available if the relevant telephone network is available and data connection is possible.

Useful features

Automatic Maintenance Call

The S-Class is equipped with a feature that considerably enhances vehicle care. Just prior to reaching a vehicle maintenance milestone, Tele Aid transmits important vehicle maintenance information that alerts your authorized Mercedes-Benz Center of required service. This is automatic and does not require driver intervention. This feature allows your preferred Mercedes-Benz Center to significantly improve the process of arranging your service appointment and ensures that your vehicle receives the best possible care.

ℹ The Automatic Maintenance Call feature is available if the relevant telephone network is available and data connection is possible.

Stolen Vehicle Recovery services

In the event your vehicle was stolen:

- Report the incident to the police.
  The police will issue a numbered incident report.
- Pass this number on to the Response Center along with your password.
  The Response Center will then attempt to covertly contact the vehicle's Tele Aid system. Once the vehicle is located, the Response Center will contact the local law enforcement and you. The vehicle's location will only be provided to law enforcement.

ℹ If the anti-theft alarm stays on for more than 30 seconds, a call to the Response Center is initiated automatically by the Tele Aid system provided Tele Aid service was subscribed to and properly activated, and that necessary cellular service and GPS coverage are available. See "Anti-theft alarm system" (▷ page 79).

Garage door opener

The integrated remote control can operate up to three separately controlled devices compatible with HomeLink® or some other systems.

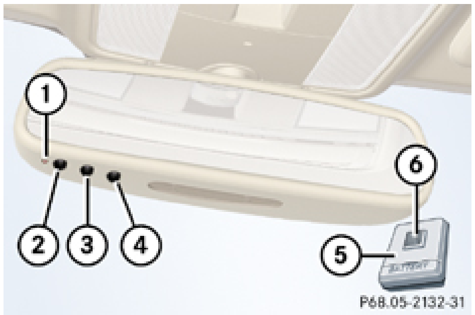
⚠ **Warning!**

Before programming the integrated remote control to a garage door opener or gate operator, make sure people and objects are out of the way of the device to prevent potential harm or damage. When programming a garage door opener, the door moves up or down. When programming a gate operator, the gate opens or closes.

Do not use the integrated remote control with any garage door opener that lacks safety stop and reverse features as required by U.S. federal safety standards (this includes any garage door opener model manufactured before April 1, 1982). A garage door that cannot detect an object - signaling the door to stop and reverse - does not meet current U.S. federal safety standards.

When programming a garage door opener, park vehicle outside the garage.

Do not run the engine while programming the integrated remote control. Inhalation of exhaust gas is hazardous to your health. All exhaust gas contains carbon monoxide (CO), and inhaling it can cause unconsciousness and possible death.



Interior rear view mirror with integrated remote control

①	Indicator lamp
②③④	Signal transmitter button
⑤	Hand-held remote control (not part of vehicle equipment)
⑥	Hand-held remote control button

Programming the integrated remote control

- **Step 1:** Switch on the ignition.
- **Step 2:** If you have previously programmed a signal transmitter button and wish to retain its programming, proceed to step 3.

or

- If you are programming the integrated remote control for the first time, press and hold the two outer signal transmitter buttons ② and ④ and release them when indicator lamp ① begins to flash after approximately 20 seconds.

  Do not hold the button for longer than 30 seconds.
  This procedure erases any previous settings for all three channels and initializes the memory. If you later wish to program a second and/or third hand-held transmitter to the remaining two signal transmitter buttons, do not repeat this step and begin directly with step 3.
- **Step 3:** Hold the end of hand-held remote control ⑤ of the device you wish to train approximately 2 to 12 in (5 to 30 cm) away from the signal transmitter button (②, ③ or ④) to be programmed, while keeping indicator lamp ① in view.
- **Step 4:** Using both hands, simultaneously press hand-held remote control button ⑥ and the desired signal transmitter button (②, ③ or ④). Do not release the buttons until step 5 is completed.
  Indicator lamp ① will flash, first slowly and then rapidly.

ℹ Indicator lamp ① flashes immediately the first time the signal transmitter button is programmed. If this button has already been programmed, the indicator lamp will start flashing after 20 seconds.

- **Step 5:** After indicator lamp ① changes from a slow to a rapidly flashing light, release the hand-held remote control button and the signal transmitter button.
- **Step 6:** Press and hold the just-trained signal transmitter button (②, ③ or ④) and observe indicator lamp ①.
  If indicator lamp ① stays on constantly, programming is complete and your device should activate when the respective signal transmitter button (②, ③ or ④) is pressed and released.

ℹ If indicator lamp ① flashes rapidly for approximately 2 seconds and then turns to a constant light, continue with programming steps 8 through 12 as your garage door opener may be equipped with the “rolling code” feature.

- **Step 7:** To program the remaining two signal transmitter buttons, repeat the steps above starting with step 3.

Rolling code programming

To train a garage door opener (or other rolling code devices) with the rolling code feature, follow these instructions after completing the "Programming" portion (steps 1 through 6) of this text. A second person may make the following training procedures quicker and easier.

- ▶ **Step 8:** Locate the "training" button on the garage door opener motor head unit.

ℹ Exact location and color of the button may vary by garage door opener brand. Depending on manufacturer, the "training" button may also be referred to as "learn"or "smart" button. If there is difficulty locating the transmitting button, refer to the garage door opener Operator's Manual.

- ▶ **Step 9:** Press the "training" button on the garage door opener motor head unit. The "training light" is activated.

  You have 30 seconds to initiate the following two steps.
- ▶ **Step 10:** Return to the vehicle and firmly press, hold for 2 seconds and release the programmed signal transmitter button (②, ③ or ④).
- ▶ **Step 11:** Press, hold for 2 seconds and release same signal transmitter button a second time to complete the training process.

ℹ Some garage door openers (or other rolling code equipped devices) may require you to press, hold for 2 seconds and release the same signal transmitter button a third time to complete the training process.

- ▶ **Step 12:** Confirm the garage door operation by pressing the programmed signal transmitter button (②, ③ or ④).
- ▶ **Step 13:** To program the remaining two signal transmitter buttons, repeat the steps above starting with step 3.

Gate operator/Canadian programming

Canadian radio-frequency laws require transmitter signals to "time-out" (or quit) after several seconds of transmission which may not be long enough for the integrated signal transmitter to pick up the signal during programming. Similar to this Canadian law, some U.S. gate operators are designed to "time-out" in the same manner.

If you live in Canada or if you are having difficulties programming a gate operator (regardless of where you live) by using the programming procedures, replace step 4 with the following:

- ▶ **Step 4:** Press and hold the signal transmitter button (②, ③ or ④). Do not release this button until it has been successfully trained.
- ▶ While still holding down the signal transmitter button (②, ③ or ④), "cycle" your hand-held remote control button ⑥ as follows: Press and hold button ⑥ for 2 seconds, then release it for 2 seconds, and again press and hold it for 2 seconds. Repeat this sequence on the hand-held remote control until the frequency signal has been learned.

  Upon successful training, indicator lamp ① will flash slowly and then rapidly after several seconds.
- ▶ Proceed with programming step 5 and step 6 to complete.

ℹ Upon completion of programming the integrated remote control, make sure you retain the hand-held remote control that came with the garage door opener, gate operator or other device. You may need it for use in other vehicles, for future programming of an integrated remote control, or simply for continued use as a hand-held remote control to operate the respective device in other situations.

Reprogramming a single signal transmitter button

To program a device using a signal transmitter button previously trained, follow these steps:

- ▶ Switch on the ignition.
- ▶ Press and hold the desired signal transmitter button (②, ③ or ④). Do not release the button.
  Indicator lamp ① will begin to flash after 20 seconds.
- ▶ Without releasing the signal transmitter button, proceed with programming starting with step 3.

Operation of integrated remote control

- ▶ Switch on the ignition.
- ▶ Select and press the appropriate integrated signal transmitter button (②, ③ or ④) to activate the remote controlled device.
  The integrated remote control transmitter continues to send the signal as long as the button is pressed – up to 20 seconds.

Erasing the integrated remote control memory

ℹ If you sell your vehicle, erase the codes of all three channels.

- ▶ Switch on the ignition.
- ▶ Simultaneously press and hold outer signal transmitter buttons ② and ④, for approximately 20 seconds, until indicator lamp ① flashes rapidly. Do not hold for longer than 30 seconds.
  The codes of all three channels are erased.

Programming tips

If you are having difficulty programming the integrated remote control, here are some helpful tips:

- Check the frequency of hand-held remote control ⑤ (typically located on the reverse side of the remote). The integrated remote control is compatible with radio-frequency devices operating between 280-390 MHz.
- Put a new battery in hand-held remote control ⑤. This will increase the likelihood of the hand-held remote control sending a faster and more accurate signal to the integrated remote control.
- While performing step 3, hold hand-held remote control ⑤ at different lengths and angles from the signal transmitter button (②, ③ or ④) you are programming. Attempt varying angles at the distance of 2 to 12 inches (5 to 30 cm) away or the same angle at varying distances.
- If another hand-held remote control is available for the same device, try the programming steps again using that other hand-held remote control. Make sure new batteries are in the hand-held remote control before beginning the procedure.
- Straighten the antenna wire from the garage door opener assembly. This may help improve transmitting and/or receiving signals.

ℹ Certain types of garage door openers are incompatible with the integrated remote control. If you should experience further difficulties with programming the integrated remote control, contact an authorized Mercedes-Benz Center, or call the Mercedes-Benz Customer Assistance Center (in the USA) at 1-800-FOR-MERCedes, or Customer Service (in Canada) at 1-800-387-0100.

Useful features

ℹ USA only:
This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference, and
2. this device must accept any interference received, including interference that may cause undesired operation.

Any unauthorized modification to this device could void the user’s authority to operate the equipment.

ℹ Canada only:
This device complies with RSS-210 of Industry Canada. Operation is subject to the following two conditions:

1. This device may not cause interference, and
2. this device must accept any interference received, including interference that may cause undesired operation of the device.

Any unauthorized modification to this device could void the user’s authority to operate the equipment.

Floormats

⚠ **Warning!**

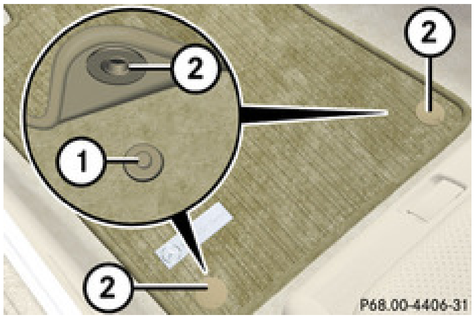
Whenever you are using floormats, make sure there is enough clearance and that the floormats are securely fastened.

Floormats should always be securely fastened using the fastening equipment.

Before driving off, check that the floormats are securely in place and adjust them if necessary. A loose floormat could slip and hinder proper functioning of the pedals.

Do not place several floormats on top of each other as this may impair pedal movement.

ℹ To install or remove the floormat more easily, move the driver’s seat or front passenger seat as far to the rear as possible.



① Retainer pin
② Eyelet

- ▶ **Removing:** Pull floormat off of retainer pins ①.
- ▶ **Installing:** Press floormat eyelets ② onto retainer pins ①.

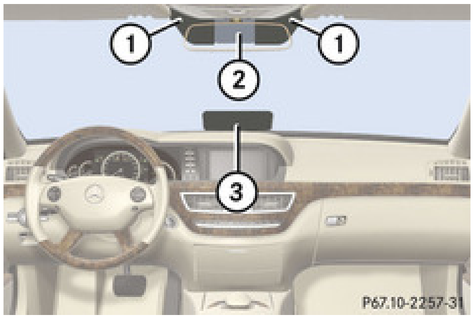
Infrared reflecting windshield

Infrared reflecting glass reduces the amount of radiated heat entering the vehicle interior through the windows.

The infrared reflecting glass also prevents the transmission of signals through the glass by in-vehicle electronic devices, e.g. electronic toll collection devices.

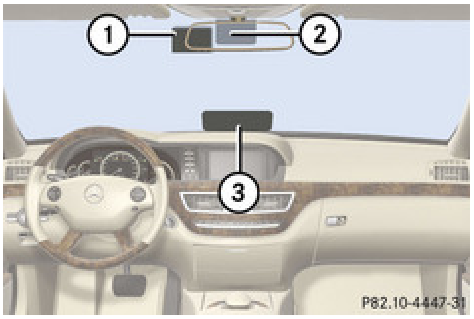
To allow the use of these devices in the vehicle, infrared transparent areas ① and ③ are placed in the windshield.

You can see them from certain angles when ambient light condition permit.



Vehicles without Night View Assist

① Infrared transparent area (located left and right to the cover of the rain light sensor)
② Cover of the rain light sensor
③ Infrared transparent area



Vehicles with Night View Assist

① Infrared transparent area (located left to the cover of the rain light sensor)
② Cover of the rain light sensor
③ Infrared transparent area

Operation

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The first 1000 miles (1500 km)

Vehicle equipment

ℹ This Operator's Manual describes all features, standard or optional, potentially available for your vehicle at the time of purchase. Please be aware that your vehicle might not be equipped with all features described in this manual.

The first 1000 miles (1500 km)

The more cautiously you treat your vehicle during the break-in period, the more satisfied you will be with its performance later on.

- Drive your vehicle during the first 1 000 miles (1 500 km) at varying but moderate vehicle and engine speeds.
- During this period, avoid heavy loads (full throttle driving) and excessive engine speeds (no more than $^2/_3$ of maximum rpm in each gear).
- Select **C** as the preferred shift program (▷ page 350) for the first 1 000 miles (1 500 km).
- Avoid accelerating by kickdown.
- Do not attempt to slow the vehicle down by shifting to a lower gear using the gear selector lever.
- Select gear ranges **3**, **2** or **1** (▷ page 350) only when driving at moderate speeds (for hill driving).

After 1 000 miles (1 500 km) you may gradually increase vehicle and engine speeds to the permissible maximum.

! Additional instructions for AMG vehicles:

- During the first 1 000 miles (1 500 km), do not exceed a speed of 85 mph (140 km/h).
- During this period, avoid engine speeds above 4 500 rpm in each gear.
- Shift gears in a timely manner.

All of the above instructions, as may apply to your vehicle type, also apply when driving the first 1 000 miles (1 500 km) after the engine or the rear differential has been replaced.

ℹ Always obey applicable speed limits.

At the gas station

Refueling

⚠ **Warning!**

Gasoline is highly flammable and poisonous. It burns violently and can cause serious personal injury.

Never allow sparks, flames or smoking materials near gasoline!

Turn off the engine before refueling.

Whenever you are around gasoline, avoid inhaling fumes and any skin or clothing contact. Extinguish all smoking materials.

Direct skin contact with fuels and the inhalation of fuel vapors are damaging your health.

⚠ **Warning!**

Overfilling of the fuel tank may create pressure in the system which could cause a gas discharge. This could cause the gas to spray back out when removing the fuel pump nozzle, which could cause personal injury.

! Never refuel vehicles with gasoline engine with diesel fuel. Even small amounts of diesel fuel will damage the fuel system and engine. Damage resulting from the use of non-approved fuels or fuel additives or resulting from mixing gasoline with diesel fuel is not covered by the Mercedes-Benz Limited Warranty.

! If you have accidentally filled the tank with incorrect or non-approved fuel, do not switch on the ignition. Otherwise the incorrect or non-approved fuel will get into the fuel lines. The fuel system must be drained completely. Contact an authorized Mercedes-Benz Center to have the fuel system drained completely.

! To prevent damage to the catalytic converters, only use premium unleaded gasoline in this vehicle.

Any noticeable irregularities in engine operation should be repaired promptly.

Otherwise, excessive unburned fuel may reach the catalytic converter, causing it to overheat and potentially start a fire.

ℹ Only use premium unleaded gasoline with a minimum Posted Octane Rating of 91 (average of 96 RON/86 MON). Information on gasoline quality can normally be found on the fuel pump. Please contact gas station personnel in case labels on the pump cannot be found.

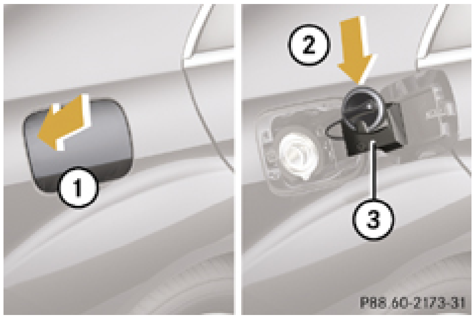
For more information on gasoline, see “Premium unleaded gasoline” (▷ page 608), see “Fuel requirements” (▷ page 608), or contact an authorized Mercedes-Benz Center, or visit **www.mbusa.com** (USA only).

The fuel filler flap is located on the right-hand side of the vehicle towards the rear.

Locking/unlocking the vehicle with the SmartKey automatically locks/unlocks the fuel filler flap.

ℹ In case the central locking system does not release the fuel filler flap, or the opening mechanism is clamping, contact Roadside Assistance or an authorized Mercedes-Benz Center.

At the gas station



① Fuel filler flap
② Fuel filler cap
③ Holder

▶ Turn off the engine.

ⓘ Leaving the engine running and the fuel filler cap open can cause the yellow engine malfunction indicator lamp to illuminate.

For more information, see also “Practical hints” (▷ page 557).

▶ Remove the SmartKey from the starter switch.

KEYLESS-GO: Open the driver’s door (this puts the starter switch in position **0**, same as with the SmartKey removed from the starter switch). The driver’s door then can be closed again.

▶ **Opening:** Press fuel filler flap ① at the point indicated by the arrow.

▶ Turn fuel filler cap ② counterclockwise.

▶ Take off fuel filler cap ②.

▶ Place fuel filler cap ② in direction of arrow into holder ③.

▶ Fully insert filler nozzle unit and refuel.

▶ Only fill your tank until the filler nozzle unit cuts out – **do not top off or overfill**.

▶ **Closing:** Turn fuel filler cap ② clockwise until it audibly engages.

ⓘ Make sure to close the fuel filler flap before locking your vehicle as the flap locking pin prevents closing after you have locked the vehicle.

▶ Close fuel filler flap ①.

Check regularly and before a long trip

For information on quantities and requirements of operating agents, see “Fuels, coolants, lubricants, etc.” (▷ page 603).

Check the following:

- Engine oil level (▷ page 444)
- Tire inflation pressure (▷ page 458)
- Coolant level (▷ page 448)
- Vehicle lighting (▷ page 566)
- Washer system and headlamp cleaning system (▷ page 448)
- Brake fluid (▷ page 477), (▷ page 512), (▷ page 550)

Engine compartment

Hood

⚠ **Warning!**

Do not pull the release lever while the vehicle is in motion. Otherwise the hood could be forced open by passing air flow.

This could cause the hood to come loose and injure you and/or others.

Opening

⚠ **Warning!**

If you see flames or smoke coming from the engine compartment, or if the coolant temperature gauge indicates that the engine is overheated, do not open the hood. Move away from vehicle and do not open the hood until the engine has cooled. If necessary, call the fire department.

⚠ **Warning!**

You could be injured when the hood is open – even when the engine is turned off.

Parts of the engine can become very hot. To prevent burns, let the engine cool off completely before touching any components on the vehicle. Comply with all relevant safety precautions.

⚠ **Warning!**

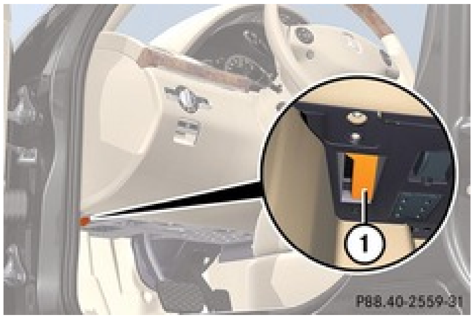
To help prevent personal injury, stay clear of moving parts when the hood is open and the engine is running.

The radiator fan may continue to run for approximately 30 seconds or may even restart after the engine has been turned off. Stay clear of fan blades.

⚠ **Warning!**

The engine is equipped with a transistorized ignition system. Because of the high voltage it is dangerous to touch any components (ignition coils, spark plug sockets, diagnostic socket) of the ignition system

- with the engine running
- while starting the engine
- when the ignition is switched on and the engine is turned manually

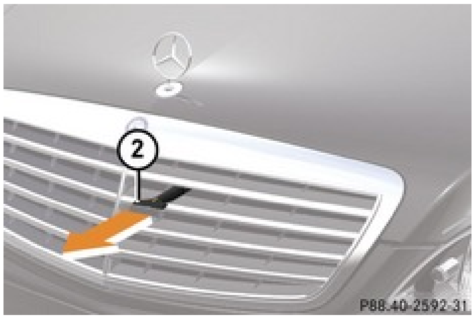


① Hood lock release lever

▶ Pull release lever ①.
The hood is unlocked.

! To avoid damage to the windshield wipers or hood, never open the hood if the wiper arms are folded forward away from the windshield.

Engine compartment



② Handle

! To avoid damage to the handle never pull up the hood on the handle.

▶ Pull handle ② to its stop out of radiator grille.

▶ Pull up on hood.
The hood will be automatically held open at shoulder height by gas-filled struts.

Closing

⚠ **Warning!**
When closing the hood, use extreme caution not to catch hands or fingers. Be careful that you do not close the hood on anyone.

Make sure the hood is securely engaged before driving off. Do not continue driving if the hood can no longer engage after an accident, for example. The hood could otherwise come loose while the vehicle is in motion and injure you and/or others.

▶ Let the hood drop from a height of approximately 1 ft (30 cm).

▶ Check to make sure the hood is fully closed.

If you can raise the hood at a point above the headlamps, then it is not properly closed. Open it again and let it drop with somewhat greater force.

Engine oil

The amount of oil your engine needs will depend on a number of factors, including driving style. Increased oil consumption can occur when the vehicle is new or the vehicle is driven frequently at higher engine speeds.

Engine oil consumption checks should only be made after the vehicle break-in period.

! Do not use any special lubricant additives, as these may damage the drive assemblies. Using special additives not approved by Mercedes-Benz may cause damage not covered by the Mercedes-Benz Limited Warranty.

For further information contact an authorized Mercedes-Benz Center.

Notes on checking engine oil level

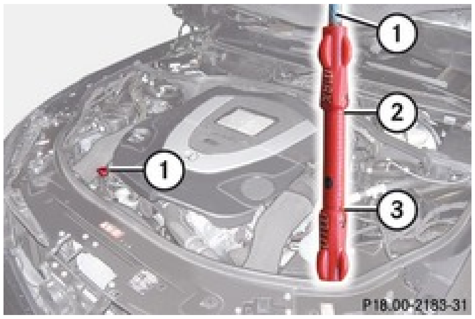
When checking the oil level

- the vehicle must be parked on level ground
- with the engine at operating temperature, the vehicle must have been stationary for at least 5 minutes with the engine turned off
- with the engine not at operating temperature, the vehicle must have been stationary for at least 30 minutes with the engine turned off

Checking engine oil level with the oil dipstick

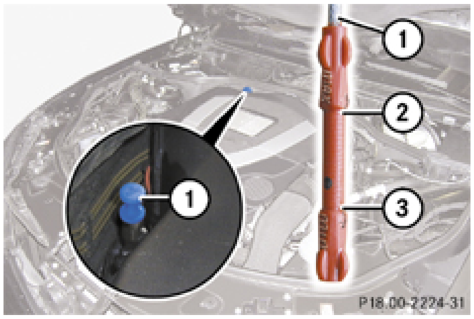
On the S 450 4MATIC, S 550 and S 63 AMG, you can check the engine oil level with the oil dipstick.

▶ Open the hood (▷ page 443).



S 550 and S 63 AMG

① Oil dipstick
② Upper (max) mark
③ Lower (min) mark



S 450 4MATIC and S 550 4MATIC

① Oil dipstick
② Upper (max) mark
③ Lower (min) mark

- Pull out oil dipstick ①.
- Wipe oil dipstick ① clean.
- Fully insert oil dipstick ① into the dipstick guide tube.
- Pull out oil dipstick ① again after approximately 3 seconds to obtain accurate reading.
  The oil level is correct when it is between lower (min) mark ③ and upper (max) mark ② of oil dipstick ①.

ℹ S 450 4MATIC, S 550 and S 550 4MATIC:
The filling quantity between the upper and lower marks on the oil dipstick is approximately 2.1 US qt. (2.0 l).

ℹ S 63 AMG only:
The filling quantity between the upper and lower marks on the oil dipstick is approximately 1.6 US qt. (1.5 l).

- If necessary, add engine oil.

For more information on engine oil, see “Fuels, coolants, lubricants etc.” (▷ page 603).

For information on messages in the multifunction display concerning engine oil, see the “Practical hints” section (▷ page 537).

Checking engine oil level with the control system

On the S 600 and S 65 AMG, you can check the engine oil level with the control system.

ℹ The menu overview can be found on (▷ page 240).

- Switch on the ignition.
- Press ◀ or ▶ to select the Service menu.

▷▷

▶ Press ▲ or ▼ to select `Engine Oil Level`.

▶ Press OK.

The following message appears in the multifunction display:

`Measuring`
`Engine Oil Level`
`Accurate Only`
`When Vehicle Is Level`

One of the following messages will subsequently appear in the multifunction display:

- `Engine Oil Level OK`
- `Add 1.0 qts. Engine Oil At Next Refueling` (Canada: `1.0 l`)
- `Add 1.5 qts. Engine Oil At Next Refueling` (Canada: `1.5 l`)
- `Add 2.0 qts. Engine Oil At Next Refueling` (Canada: `2.0 l`)

ℹ If you want to interrupt the checking procedure, press button ↩ on the multifunction steering wheel.

▶ If necessary, add engine oil.

For more information on engine oil, see “Fuels, coolants, lubricants etc.” (▷ page 603).

Other display messages

If the ignition is not switched on, the following message appears in the multifunction display:

`For Engine Oil Level`
`Ignition Must be On`

▶ Switch on the ignition.

If you see the message:

`Need More Time`
`to Check`
`Engine Oil Level`

▶ If the engine is at operating temperature, wait 5 minutes before repeating check procedure.

▶ If the engine is not at operating temperature yet, you must wait 30 minutes before checking oil.

If you see the message:

`Engine Oil Level`
`Not Measurable`
`With Running Engine`

▶ Turn off the engine.

▶ If the engine is at operating temperature, wait 5 minutes before checking oil.

▶ If the engine is not at operating temperature yet, you must wait 30 minutes before checking oil.

If there is excess engine oil with the engine at normal operating temperature, the following message appears in the multifunction display:

`Reduce`
`Engine Oil Level`

▶ Have excess oil siphoned or drained off. Contact an authorized Mercedes-Benz Center.

❗ Excess oil must be siphoned or drained off. It could cause damage to the engine and emission control system not covered by the Mercedes-Benz Limited Warranty.

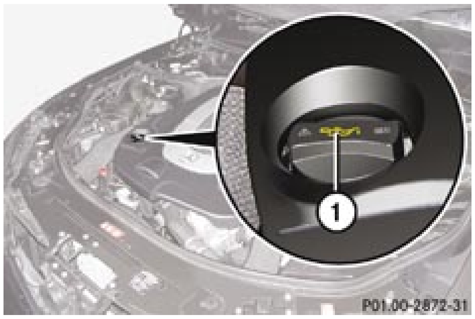
For information on messages in the multifunction display concerning engine oil, see the “Practical hints” section (▷ page 537).

Adding engine oil

❗ Only use approved engine oils and oil filters required for vehicles with

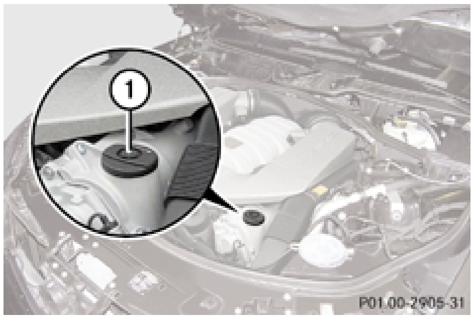
Maintenance System. For a listing of approved engine oils and oil filters, contact an authorized Mercedes-Benz Center or visit **www.mbusa.com** (USA only).

Using engine oils and oil filters of specification other than those expressly required for the Maintenance System, or changing of oil and oil filter at change intervals longer than those called for by the Maintenance System will result in engine or emission control system damage not covered by the Mercedes-Benz Limited Warranty.



Example illustration S 550

① Filler cap



S 63 AMG

① Filler cap

- ▶ Unscrew filler cap ① from filler neck.
- ▶ Add engine oil as required. Be careful not to overfill with oil.

Be careful not to spill any oil when adding. Avoid environmental damage caused by oil entering the ground or water.

! Excess oil must be siphoned or drained off. It could cause damage to the engine and emission control system not covered by the Mercedes-Benz Limited Warranty.

- ▶ Screw filler cap ① back on filler neck.

For more information on engine oil, see the “Technical data” section (▷ page 603) and (▷ page 606).

Transmission fluid level

The transmission fluid level does not need to be checked. If you notice transmission fluid loss or gearshifting malfunctions, have an authorized Mercedes-Benz Center check the transmission.

Active Body Control (ABC) fluid level

Regular fluid level check is not required. If you notice fluid leaks or malfunction messages in the multifunction display, have an authorized Mercedes-Benz Center check the ABC system.

Engine compartment

Coolant level

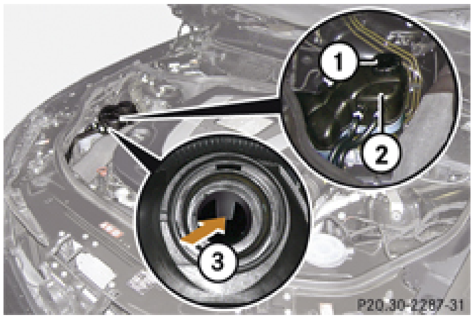
The engine coolant is a mixture of water and anticorrosion/antifreeze.

When checking the coolant level, the vehicle must be parked on level ground, and the coolant temperature must be below 158℉ (70℃).

⚠ **Warning!**

In order to avoid any potentially serious burns:

- Use extreme caution when opening the hood if there are any signs of steam or coolant leaking from the cooling system, or if the coolant temperature gauge indicates that the coolant is overheated.
- Do not remove pressure cap on coolant reservoir if coolant temperature is above 158℉ (70℃). Allow engine to cool down before removing cap. The coolant reservoir contains hot fluid and is under pressure.
- Using a rag, slowly open the cap approximately $^1/_2$ turn to relieve excess pressure. If opened immediately, scalding hot fluid and steam will be blown out under pressure.
- Do not spill antifreeze on hot engine parts. Antifreeze contains ethylene glycol which may burn if it comes into contact with hot engine parts.



S 550 (example illustration)

① Cap
② Coolant expansion tank
③ Marking bar in the expansion tank

▶ Using a rag, turn cap ① slowly approximately $^1/_2$ turn counterclockwise to release any excess pressure.

▶ Continue turning cap ① counterclockwise and remove it.

The coolant level is correct if the level

- for cold coolant: reaches marking bar ③ in coolant expansion tank ②
- for warm coolant: is approximately 0.6 in (1.5 cm) higher

▶ Add coolant as required.

▶ Replace and tighten cap ①.

For more information on coolant, see the “Technical data” section (▷ page 605) and (▷ page 609).

Washer system and headlamp cleaning system

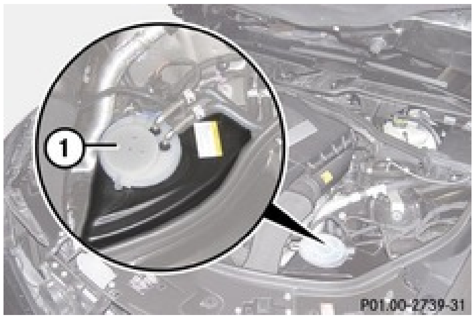
⚠ **Warning!**

Washer solvent/antifreeze is highly flammable. Do not spill washer solvent/antifreeze on hot engine parts, because it may ignite and burn. You could be seriously burned.

! Always use washer solvent/antifreeze where temperatures may fall below freezing point. Failure to do so could result in damage to the washer system/fluid reservoir.

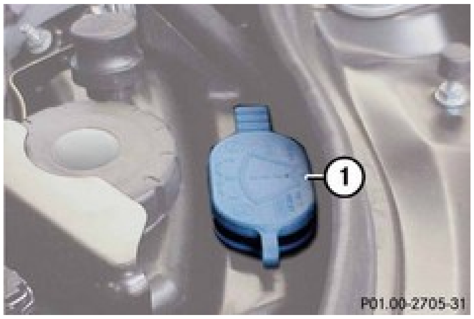
! Only use washer fluid which is suitable for plastic lenses. Improper washer fluid can damage the plastic lenses of the headlamps.

! Do not use distilled or deionized water in the washer fluid reservoir. Otherwise, the washer fluid level sensor could be damaged.



Example illustration S 550 with AIRMATIC

① Cap for washer fluid reservoir



Vehicles with ABC

① Cap for washer fluid reservoir

Fluid for the washer system and the headlamp cleaning system is supplied from the washer fluid reservoir.

During all seasons, add MB Windshield Washer Concentrate “MB SummerFit” to water. Premix the washer fluid in a suitable container.

- **Opening washer fluid reservoir:** Pull tab of cap ① upwards.
- Refill the washer fluid reservoir with MB Windshield Washer Concentrate “MB SummerFit” and water (or commercially available premixed washer solvent/antifreeze, depending on ambient temperatures) (▷ page 612).
- **Closing washer fluid reservoir:** Press cap ① onto filler hole until it engages.

For more information, see “Washer system and headlamp cleaning system” (▷ page 606).

Tires and wheels

Safety notes

Contact an authorized Mercedes-Benz Center for information on tested and recommended rims and tires for summer and winter operation. They can also offer advice concerning tire service and purchase.

⚠ **Warning!**

Replace rims or tires with the same designation, manufacturer and type as shown on the original part. For further information contact an authorized Mercedes-Benz Center. If incorrectly sized rims and tires are mounted, the wheel brakes or suspension components can be damaged. Also, the correct operating clearance of the wheels and the tires may no longer be correct.

⚠ **Warning!**

Worn, old tires can cause accidents. If the tire tread is worn to minimum tread depth, or if the tires have sustained damage, replace them.

When replacing rims, only use genuine Mercedes-Benz wheel bolts specified for the particular rim type. Failure to do so can result in the bolts loosening and possibly an accident.

Retreaded tires are not tested or recommended by Mercedes-Benz, since previous damage cannot always be recognized on retreads. The operating safety of the vehicle cannot be assured when such tires are used.

⚠ **Warning!**

If you feel a sudden significant vibration or ride disturbance, or you suspect that possible damage to your vehicle has occurred, you should turn on the hazard warning flashers, carefully slow down, and drive with caution to an area which is a safe distance from the road.

Inspect the tires and the vehicle underbody for possible damage. If the vehicle or tires appear unsafe, have the vehicle towed to the nearest authorized Mercedes-Benz Center or tire dealer for repairs.

⚠ **Warning!**

Do not drive with a flat tire. A flat tire affects the ability to steer or brake the vehicle. You could lose control of the vehicle. Continued driving with a flat tire or driving at high speed with a flat tire will cause excessive heat build-up and possibly a fire.

Important guidelines

- Only use sets of tires and rims of the same type and make.
- Tires must be of the correct size for the rim.
- Break in new tires for approximately 60 miles (100 km) at moderate speeds.
- Regularly check the tires and rims for damage. Dented or bent rims can cause tire inflation pressure loss and damage to the tire beads.
- If vehicle is heavily loaded, check tire inflation pressure and correct as required.
- Do not allow your tires to wear down too far. Adhesion properties on wet roads are sharply reduced at tread depths of less than $^1/_8$ in (3 mm).
- When replacing individual tires, you should mount new tires on the front wheels first (on vehicles with same-sized wheels all around).

Tire care and maintenance

⚠ **Warning!**

Regularly check the tires for damage. Damaged tires can cause tire inflation pressure loss. As a result, you could lose control of your vehicle.

Worn, old tires can cause accidents. If the tire tread is worn to minimum tread depth, or if the tires have sustained damage, replace them.

Check the tire inflation pressure at least every other week. For more information on checking tire inflation pressure, see “Recommended tire inflation pressure” (▷ page 456).

Tire inspection

Every time you check the tire inflation pressure, you should also inspect your tires for the following:

- excessive treadwear (▷ page 451)
- cord or fabric showing through the tire’s rubber
- bumps, bulges, cuts, cracks or splits in the tread or side of the tire

Replace the tire if you find any of the above conditions.

Make sure you also inspect the spare tire periodically for condition and inflation. Spare tires will age and become worn over time even if never used, and thus should be inspected and replaced when necessary.

Life of tire

⚠ **Warning!**

Tires and spare tire should be replaced after 6 years, regardless of the remaining tread.

The service life of a tire is dependent upon varying factors including but not limited to:

- Driving style
- Tire inflation pressure
- Distance driven

Tread depth

⚠ **Warning!**

Although the applicable federal motor vehicle safety laws consider a tire to be worn when the treadwear indicators (TWI) become visible at approximately $^1/_{16}$ in (1.6 mm), we recommend that you do not allow your tires to wear down to that level. As tread depth approaches $^1/_8$ in (3 mm), the adhesion properties on a wet road are sharply reduced.

Depending upon the weather and/or road surface (conditions), the tire traction varies widely.

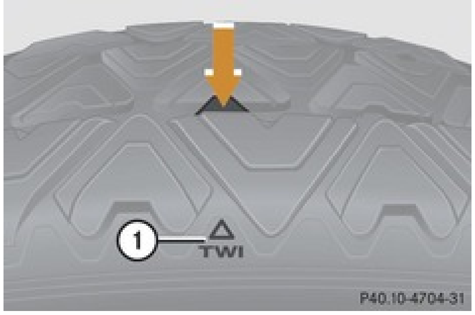
Do not allow your tires to wear down too far. Adhesion properties on wet roads are sharply reduced at tread depths of less than $^1/_8$ in (3 mm).

Treadwear indicators (TWI) are required by law. These indicators are located in six places on the tread circumference and become visible at a tread depth of approximately $^1/_{16}$ in (1.6 mm), at which point the tire is considered worn and should be replaced.

The recommended minimum tire tread depth for summer tires is $^1/_8$ in (3 mm). The recommended minimum tire tread depth for winter tires is $^1/_6$ in (4 mm).

▷▷

Tires and wheels



① TWI (**T**read **W**ear **I**ndicator)

The treadwear indicator appears as a solid band across the tread.

Storing tires

! Keep unmounted tires in a cool, dry place with as little exposure to light as possible. Protect tires from contact with oil, grease and fuels.

Cleaning tires

! Never use a round nozzle to power wash tires. The intense jet of water can result in damage to the tire.

Always replace a damaged tire.

Direction of rotation

Unidirectional tires offer added advantages, such as better hydroplaning performance. To benefit, however, you must make sure the tires rotate in the direction specified.

An arrow on the sidewall indicates the intended direction of rotation (spinning) of the tire.

Spare wheels may be mounted against the direction of rotation (spinning) even with a unidirectional tire for temporary use only until the regular drive wheel has been repaired or replaced. Always observe and follow applicable temporary use restrictions and speed limitations indicated on the spare wheel.

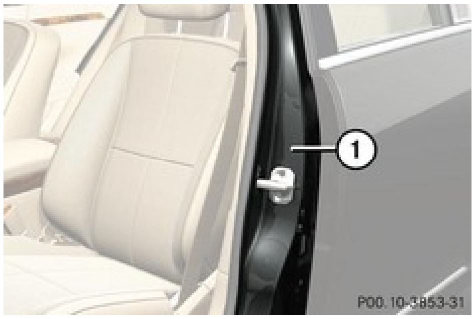
Loading the vehicle

Two labels on your vehicle show how much weight it may properly carry.

(1) The Tire and Loading Information placard can be found on the driver’s door B-pillar. This placard tells you important information about the number of people that can be in the vehicle and the total weight that can be carried in the vehicle. It also contains information on the proper size and recommended tire inflation pressures for the original equipment tires on your vehicle.

(2) The certification label, also found on the driver’s door B-pillar. It tells you about the gross weight capacity of your vehicle, called the Gross Vehicle Weight Rating (GVWR). The GVWR includes the weight of the vehicle, all occupants, fuel and cargo. The certification label also tells you about the front and rear axle weight capacity, called the Gross Axle Weight Rating (GAWR).

The GAWR is the total allowable weight that can be carried by a single axle (front or rear). Never exceed the GVWR or GAWR for either the front axle or rear axle.



P00.10-3853-31

① Driver’s door B-pillar

Following is a discussion on how to work with the information contained on the Tire and Loading Information placard with regards to loading your vehicle.

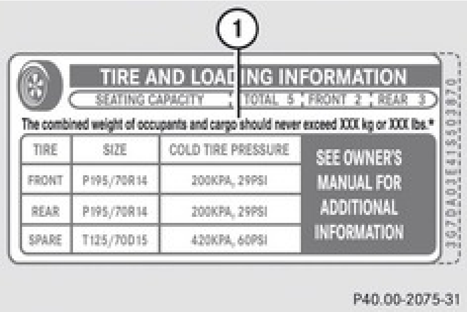
Tire and Loading Information

⚠ **Warning!**

Do not overload the tires by exceeding the specified load limit as indicated on the Tire and Loading Information placard on the driver’s door B-pillar. Overloading the tires can overheat them, possibly causing a blowout. Overloading the tires can also result in handling or steering problems, or brake failure.

Tire and Loading Information placard

ℹ Data shown on Tire and Loading Information placard example are for illustration purposes only. Load limit data are specific to each vehicle and may vary from data shown in the following illustration. Refer to Tire and Loading Information placard on vehicle for actual data specific to your vehicle.



TIRE AND LOADING INFORMATION

SEATING CAPACITY | TOTAL 5 | FRONT 2 | REAR 3

The combined weight of occupants and cargo should never exceed XXX kg or XXX lbs.*

TIRE	SIZE	COLD TIRE PRESSURE
FRONT	P195/70R14	200KPA, 29PSI
REAR	P195/70R14	200KPA, 29PSI
SPARE	T125/70D15	420KPA, 60PSI

SEE OWNER'S MANUAL FOR ADDITIONAL INFORMATION

P40.00-2075-31

① Load limit information on the Tire and Loading Information placard

The Tire and Loading Information placard showing the load limit information is located on the driver’s door B-pillar (▷ page 453).

- ▶ Locate the statement “The combined weight of occupants and cargo should never exceed XXX kilograms or XXX lbs.” on the Tire and Loading Information placard.

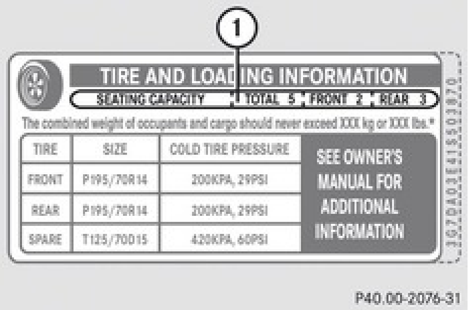
The combined weight of all occupants, cargo/luggage and trailer tongue load (if applicable) should never exceed the weight referenced in that statement.

Seating capacity

The seating capacity gives you important information on the number of occupants that can be in the vehicle. Observe front and rear seating capacity. The Tire and Loading Information placard showing the seating capacity is located on the driver’s door B-pillar (▷ page 453).

ℹ Data shown on Tire and Loading Information placard example are for illustration purposes only. Seating capacity data are specific to each vehicle and may vary from data shown in the following illustration. Refer to Tire and Loading Information placard on vehicle for actual data specific to your vehicle.

Tires and wheels



TIRE AND LOADING INFORMATION

SEATING CAPACITY TOTAL 5 FRONT 2 REAR 3

The combined weight of occupants and cargo should never exceed XXX kg or XXX lbs.*

TIRE	SIZE	COLD TIRE PRESSURE
FRONT	P195/70R14	200KPA, 29PSI
REAR	P195/70R14	200KPA, 29PSI
SPARE	T125/70D15	420KPA, 60PSI

SEE OWNER'S MANUAL FOR ADDITIONAL INFORMATION

P40.00-2076-31

① Seating capacity information on the Tire and Loading Information placard

Steps for determining correct load limit

The following steps have been developed as required of all manufacturers under Title 49, Code of U.S. Federal Regulations, Part 575 pursuant to the “National Traffic and Motor Vehicle Safety Act of 1966”.

- **Step 1:** Locate the statement “The combined weight of occupants and cargo should never exceed XXX kg or XXX lbs.” on your vehicle’s Tire and Loading Information placard.
- **Step 2:** Determine the combined weight of the driver and passengers that will be riding in your vehicle.
- **Step 3:** Subtract the combined weight of the driver and passengers from XXX kilograms or XXX lbs.
- **Step 4:** The resulting figure equals the available amount of cargo and luggage load capacity. For example, if the “XXX” amount equals 1 400 lbs and there will be five 150 lbs passengers in your vehicle, the amount of available cargo and luggage load capacity is 650 lbs (1 400 - 750 (5 x 150) = 650 lbs).
- **Step 5:** Determine the combined weight of luggage and cargo being loaded on the vehicle. That weight may not safely exceed the available cargo and luggage load capacity calculated in step 4.
- **Step 6 (if applicable):** If your vehicle will be towing a trailer, load from your trailer will be transferred to your vehicle. Consult this manual to determine how this reduces the available cargo and luggage load capacity of your vehicle (▷ page 456).

The following table shows examples on how to calculate total and cargo load capacities with varying seating configurations and number and size of occupants. The following examples use a load limit of 1 500 lbs. **This is for illustration purposes only.** Make sure you are using the actual load limit for your vehicle stated on the vehicle’s Tire and Loading Information placard (▷ page 453).

Example	Combined weight limit of occupants and cargo from Tire and Loading Information placard	Number of occupants (driver and passengers)	Seating configuration	Occupants weight	Combined weight of all occupants	Available cargo/luggage and trailer tongue weight (total load limit from Tire and Loading Information placard minus combined weight of all occupants)
1	1 500 lbs	5	front: 2 rear: 3	Occupant 1: 150 lbs Occupant 2: 180 lbs Occupant 3: 160 lbs Occupant 4: 140 lbs Occupant 5: 120 lbs	750 lbs	1 500 lbs - 750 lbs = 750 lbs
2	1 500 lbs	3	front: 1 rear: 2	Occupant 1: 200 lbs Occupant 2: 190 lbs Occupant 3: 150 lbs	540 lbs	1 500 lbs - 540 lbs = 960 lbs
3	1 500 lbs	1	front: 1	Occupant 1: 150 lbs	150 lbs	1 500 lbs - 150 lbs = 1 350 lbs

The higher the weight of all occupants, the less cargo and luggage load capacity is available.

For more information, see “Trailer tongue load” (▷ page 456).

Certification label

Even after careful determination of the combined weight of all occupants, cargo and the trailer tongue load (if applicable) (▷ page 456) as to not exceed the permissible load limit, you must make sure your vehicle never exceeds the Gross Vehicle Weight Rating (GVWR) and the Gross Axle Weight Rating (GAWR) for either the front or rear axle. You can obtain the GVWR and GAWR from the certification label. The certification label can be found on the driver’s door B-pillar, see the “Technical data” section (▷ page 589).

Gross Vehicle Weight Rating (GVWR): The total weight of the vehicle, all occupants, all cargo, and the trailer tongue load (if applicable) must never exceed the GVWR.

Gross Axle Weight Rating (GAWR): The total allowable weight that can be carried by a single axle (front or rear).

To assure that your vehicle does not exceed the maximum permissible weight limits (GVWR and GAWR for front and rear axle),

▷▷

have the loaded vehicle (including driver, passengers and all cargo and, if applicable, trailer fully loaded) weighed on a suitable commercial scale.

Trailer tongue load

The tongue load of any trailer is an important weight to measure because it affects the load you can carry in your vehicle. If a trailer is towed, the tongue load must be added to the weight of all occupants riding and any cargo you are carrying in the vehicle. The tongue load typically is 10% of the trailer weight and everything loaded in it.

Your Mercedes-Benz has been designed primarily to carry passengers and their cargo. Mercedes-Benz does not recommend trailer towing with your vehicle.

Recommended tire inflation pressure

⚠ **Warning!**

Follow recommended tire inflation pressures.

Do not underinflate tires. Underinflated tires wear excessively and/or unevenly, adversely affect handling and fuel economy, and are more likely to fail from being overheated.

Do not overinflate tires. Overinflated tires can adversely affect handling and ride comfort, wear unevenly, increase stopping distance, and result in sudden deflation (blowout) because they are more likely to become punctured or damaged by road debris, potholes etc.

Do not overload the tires by exceeding the specified load limit as indicated on the Tire and Loading Information placard on the driver's door B-pillar. Overloading the tires can overheat them, possibly causing a blowout. Overloading the tires can also result in handling or steering problems, or brake failure.

Your vehicle is equipped with the Tire and Loading Information placard located on the driver's door B-pillar (▷ page 452).

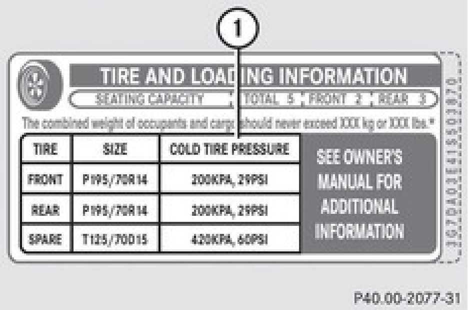
The tire inflation pressure should be checked regularly and should only be adjusted on cold tires. The tires can be considered cold if the vehicle has been parked for at least 3 hours or driven less than 1 mile (1.6 km).

Follow recommended cold tire inflation pressures listed on Tire and Loading Information placard on the driver's door B-pillar.

Keeping the tires properly inflated provides the best handling, tread life and riding comfort.

In addition to the Tire and Loading Information placard on the driver's door B-pillar, also consult the tire inflation pressure label (if available) on the inside of the filler flap for any additional information pertaining to special driving situations. For more information, see "Important notes on tire inflation pressure" (▷ page 457).

ℹ Data shown on Tire and Loading Information placard example are for illustration purposes only. Tire data are specific to each vehicle and may vary from data shown in the following illustration. Refer to Tire and Loading Information placard on vehicle for actual data specific to your vehicle.



TIRE AND LOADING INFORMATION

SEATING CAPACITY | TOTAL 5 | FRONT 2 | REAR 3

The combined weight of occupants and cargo should never exceed XXX kg or XXX lbs.*

TIRE	SIZE	COLD TIRE PRESSURE
FRONT	P195/70R14	200KPA, 29PSI
REAR	P195/70R14	200KPA, 29PSI
SPARE	T125/70D15	420KPA, 60PSI

SEE OWNER'S MANUAL FOR ADDITIONAL INFORMATION

① Tire and Loading Information placard with recommended cold tire inflation pressures

The Tire and Loading Information placard lists the recommended cold tire inflation pressures for maximum loaded vehicle weight. The tire inflation pressures listed apply to the tires installed as original equipment.

Important notes on tire inflation pressure

⚠ **Warning!**

If the tire inflation pressure drops repeatedly, check the tires for punctures from foreign objects and/or whether air is leaking from the valves or from around the rim.

Tire temperature and tire inflation pressure are also increased while driving, depending on the driving speed and the tire load.

If you will be driving your vehicle at high speeds of 100 mph (160 km/h) or higher, where it is legal and conditions allow, consult the tire inflation pressure label on the inside of the fuel filler flap (if available) on how to adjust the cold tire inflation pressure. If you do not adjust the tire inflation pressure, excessive heat can build up and result in sudden tire failure.

If your vehicle is not equipped with the tire inflation pressure label on the inside of the fuel filler flap, contact an authorized Mercedes-Benz Center for proper tire inflation pressure.

ℹ Driving comfort may be reduced when the tire inflation pressure is adjusted to the value for speeds above 100 mph (160 km/h) as specified on the tire inflation pressure label located on the inside of the fuel filler flap.

Make sure to readjust the tire inflation pressure for normal driving speeds. You should wait until the tires are cold before adjusting the tire inflation pressure.

Some vehicles may have supplemental tire inflation pressure information for vehicle loads less than the maximum loaded vehicle condition. If such information is provided, it can be found on the tire inflation pressure label located on the inside of the fuel filler flap.

Tire inflation pressure changes by approximately 1.5 psi (0.1 bar) per 18°F (10°C) of air temperature change. Keep this in mind when checking tire inflation pressure where the temperature is different from the outside temperature.

Potential problems associated with underinflated and overinflated tires

Underinflated tires

⚠ **Warning!**

Follow recommended tire inflation pressures.

Do not underinflate tires. Underinflated tires wear excessively and/or unevenly, adversely affect handling and fuel economy, and are more likely to fail from being overheated.

Tires and wheels

Underinflated tires can

- cause excessive and uneven tire wear
- adversely affect fuel economy
- lead to tire failure from being overheated
- adversely affect handling characteristics

Overinflated tires

⚠ **Warning!**

Follow recommended tire inflation pressures.

Do not overinflate tires. Overinflated tires can adversely affect handling and ride comfort, wear unevenly, increase stopping distance, and result in sudden deflation (blowout) because they are more likely to become punctured or damaged by road debris, potholes etc.

Overinflated tires can

- adversely affect handling characteristics
- cause uneven tire wear
- be more prone to damage from road hazards
- adversely affect ride comfort
- increase stopping distance

Checking tire inflation pressure

Safety notes

⚠ **Warning!**

Follow recommended tire inflation pressures.

Do not underinflate tires. Underinflated tires wear excessively and/or unevenly, adversely affect handling and fuel economy, and are more likely to fail from being overheated.

Do not overinflate tires. Overinflated tires can adversely affect handling and ride comfort, wear unevenly, increase stopping distance, and result in sudden deflation (blowout) because they are more likely to become punctured or damaged by road debris, potholes etc.

Do not overload the tires by exceeding the specified load limit as indicated on the Tire and Loading Information placard on the driver's door B-pillar. Overloading the tires can overheat them, possibly causing a blowout. Overloading the tires can also result in handling or steering problems, or brake failure.

Check the tire inflation pressure at least every other week.

Check and adjust the tire inflation pressure when the tires are cold. The tires can be considered cold if the vehicle has been parked for at least 3 hours or driven less than 1 mile (1.6 km).

If you check the tire inflation pressure when the tires are warm (the vehicle has been driven for several miles or sitting less than 3 hours), the reading will be approximately 4 psi (0.3 bar) higher than the cold reading. This is normal. Do not let air out to match the specified cold tire inflation pressure. Otherwise, the tire will be underinflated.

Checking tire inflation pressure manually

Follow the steps below to achieve correct tire inflation pressure:

- ▶ Remove the cap from the valve on one tire.
- ▶ Firmly press a tire gauge onto the valve.
- ▶ Read the tire inflation pressure on the tire gauge and check against the recommended tire inflation pressure on the Tire and Loading Information placard on the driver's door B-pillar (▷ page 453). If necessary, add air to achieve the recommended tire inflation pressure.
- ▶ If you have overfilled the tire, release tire inflation pressure by pushing the metal

stem of the valve with e.g. a tip of a pen. Then recheck the tire inflation pressure with the tire gauge.

- ▶ Install the valve cap.
- ▶ Repeat this procedure for each tire.

Advanced Tire Pressure Monitoring System (Advanced TPMS)

Your vehicle is equipped with the Advanced Tire Pressure Monitoring System (Advanced TPMS). It measures the tire inflation pressure in the vehicle's tires and issue warnings in case of pressure loss in one or more of the tires.

The TPMS is equipped with a combination low tire pressure/ TPMS malfunction telltale (USA) or a low tire pressure telltale (Canada) in the instrument cluster. Depending on how the telltale illuminates, it indicates a low tire pressure condition or a malfunction in the TPMS system itself:

- If the telltale illuminates continuously, one or more of your tires is significantly underinflated. There is no malfunction in the TPMS.
- USA only: If the telltale flashes for 60 seconds and then stays illuminated, the TPMS system itself is not operating properly.

The TPMS only functions on wheels that are equipped with the proper electronic sensors.

⚠ Warning!

The TPMS does not indicate a warning for wrongly selected inflation pressures. Always adjust tire inflation pressure according to the Tire and Loading Information placard or, if available, on the supplemental tire inflation pressure information on the inside of the fuel filler flap.

The TPMS is not able to issue a warning due to a sudden dramatic loss of pressure (e.g. tire blowout caused by a foreign object). In this case bring the vehicle to a halt by carefully applying the brakes and avoiding abrupt steering maneuvers.

⚠ Warning!

Each tire, including the spare (if provided), should be checked every other week when cold and inflated to the inflation pressure recommended by the vehicle manufacturer on the Tire and Loading Information placard on the driver's door B-pillar or, if available, the tire inflation pressure label on the inside of the fuel filler flap. If your vehicle has tires of a different size than the size indicated on the vehicle placard or the tire inflation pressure label, you should determine the proper tire inflation pressure for those tires.

As an added safety feature, your vehicle has been equipped with a tire pressure monitoring system (TPMS) that illuminates a low tire pressure telltale when one or more of your tires are significantly underinflated. Accordingly, when the low tire pressure telltale illuminates, you should stop and check your tires as soon as possible, and inflate them to the proper pressure. Driving on a significantly underinflated tire causes the tire to overheat and can lead to tire failure.

Underinflation also reduces fuel efficiency and tire tread life, and may affect the vehicle's handling and stopping ability. Please note that the TPMS is not a substitute for proper tire maintenance, and it is the driver's responsibility to maintain correct tire pressure, even if underinflation has not reached the level to trigger illumination of the TPMS low tire pressure telltale.

USA only:

▷▷

Your vehicle has also been equipped with a TPMS malfunction indicator to indicate when the system is not operating properly. The TPMS malfunction indicator is combined with the low tire pressure telltale. When the system detects a malfunction, the telltale will flash for approximately 1 minute and then remain continuously illuminated. This sequence will continue upon subsequent vehicle start-ups as long as the malfunction exists. When the malfunction indicator is illuminated, the system may not be able to detect or signal low tire pressure as intended.

TPMS malfunctions may occur for a variety of reasons, including the installation of replacement or alternate tires or wheels on the vehicle that prevent the TPMS from functioning properly. Always check the TPMS malfunction telltale after replacing one or more tires or wheels on your vehicle to ensure that the replacement or alternate tires and wheels allow the TPMS to continue to function properly.

ℹ USA only:
If a condition causing the TPMS to malfunction develops, it may take up to 10 minutes for the system to signal a malfunction using the TPMS telltale flashing and illumination sequence.

The telltale extinguishes after a few minutes driving if the malfunction has been corrected.

Tire pressure inquiries are made using the multifunction display. The current tire inflation pressure for each tire appears in the multifunction display after a few minutes of driving.

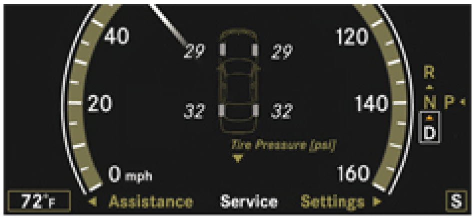
ℹ Possible differences between the readings of a tire pressure gauge of an air hose, e.g. gas station equipment, and the vehicle's control system can occur. The tire pressure displayed by the control system apply to sea level. In high-altitude locations, the reading on a tire pressure gauge will be higher than the reading issued by the vehicle's control system. Do not reduce the tire inflation pressure under such circumstances.

▶ Switch on the ignition.

▶ Press button ◀ or ▶ on the multifunction steering wheel to select the Service menu (▷ page 251).

▶ Press button ▲ or ▼ to select Tire Press..

▶ Press button OK.
The current inflation pressure for each tire appears in the multifunction display.



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When the vehicle has been parked for longer than 20 minutes, the message Tire Pressure Displayed After Driving A Few Minutes appears in the multifunction display.

ℹ With a spare wheel mounted, the system may still indicate the tire inflation pressure of the removed road wheel for some minutes. If this happens, keep in mind that the indicated value where the spare wheel is mounted does not reflect the actual spare tire inflation pressure.

ℹ Operating radio transmission equipment (e.g. wireless headsets, two-way radios) in or near the vehicle could cause the TPMS to malfunction.

USA only:
This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference, and
2. this device must accept any interference received, including interference that may cause undesired.

Any unauthorized modification to this device could void the user's authority to operate the equipment.

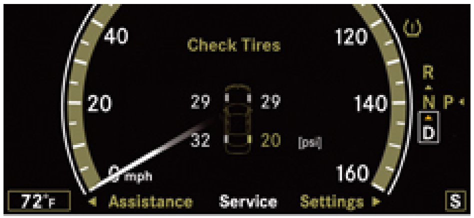
Canada only:
This device complies with RSS-210 of Industry Canada. Operation is subject to the following two conditions:

1. This device may not cause interference, and
2. this device must accept any interference received, including interference that may cause undesired operation of the device.

Any unauthorized modification to this device could void the user's authority to operate the equipment.

Tire inflation pressure warnings

If the system detects a significant loss of tire inflation pressure in one or more than one tire, a message appears in the multifunction display. In addition, an acoustic warning sounds and the low tire pressure telltale in the instrument cluster comes on.



P54.32-6470-31

Example illustration

The respective tire and the corresponding tire inflation pressure are indicated in yellow.

Restarting Advanced TPMS

⚠ **Warning!**

It is the driver's responsibility to set the tire inflation pressure to the recommended cold tire inflation pressure. Underinflated tires affect the ability to steer or brake the vehicle. You might lose control over the vehicle.

When you restart the TPMS, the system sets new reference values for each tire.

The TPMS must be restarted when you have adjusted the tire inflation pressure to a new level (e.g. because of different load or driving conditions). The TPMS is then recalibrated to the current tire inflation pressures.

Canada only:
The TPMS usually recognizes tire pressure adjustments and sets new reference values automatically. You can, however, restart the TPMS manually as described.

Restart the TPMS after adjusting the tire inflation pressure to the inflation pressure recommended for the vehicle operating condition. Tire pressure should only be adjusted on cold tires. Observe the recommended tire inflation pressure on the Tire and Loading Information placard on the driver's door B-pillar. Some vehicles may have supplemental tire pressure information for driving at high speeds or for vehicle loads less than the maximum loaded vehicle condition. If such information is provided, it can be found on the inside of the fuel filler flap.

▷▷

- ▶ Using the Tire and Loading Information placard on the driver's door B-pillar (▷ page 453) or, if available, the supplemental tire inflation pressure information on the inside of the fuel filler flap, make sure the tire inflation pressure of all four tires is correct.
- ▶ Switch on the ignition.
- ▶ Press button ◀ or ▶ on the multifunction steering wheel to select the `Service` menu.
- ▶ Press button ▲ or ▼ on the multifunction steering wheel to select `Tire Press..`
- ▶ Press button OK.
  The current inflation pressure for each tire appears in the multifunction display or the following message appears in the multifunction display:
  `Tire Pressure`
  `Displayed After Driving`
  `A Few Minutes`
- ▶ Press button ▼.
  The following message appears in the multifunction display:
  `Use Current`
  `Pressures As New`
  `Reference Values`
  `Press 'OK' to Confirm`
- ▶ Press button OK.
  The following message appears in the multifunction display:
  `Tire Pressure Monitor`
  `Reactivated`
  After driving a few minutes the system verifies that the current tire inflation pressures are within the system's specified range. Afterwards the current tire inflation pressures are accepted as reference values and then monitored.
- ▶ **If you wish to cancel:** Press button ⮌.
- ▶

or

- ▶ Press button ▲ to exit the menu screen.

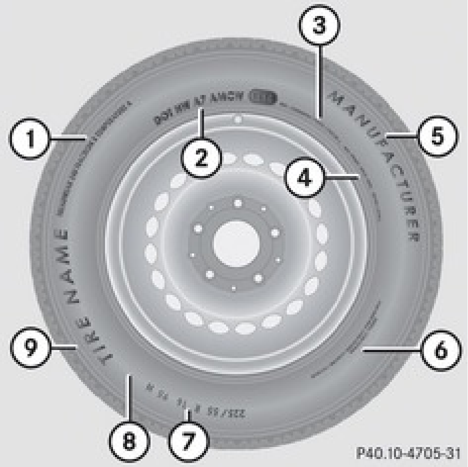
ℹ When the wheel positions have been changed, the air pressure of a tire may be displayed for the wrong position temporarily. After driving for a few minutes, the air pressure will be shown for the correct position.

ℹ With a spare wheel mounted, the system may still indicate the tire inflation pressure of the removed road wheel for some minutes. If this happens, keep in mind that the indicated value where the spare wheel is mounted does not reflect the actual spare tire inflation pressure.

Tire labeling

Besides tire name (sales designation) and manufacturer name, a number of markings can be found on a tire.

Following are some explanations for the markings on your vehicle's tires:

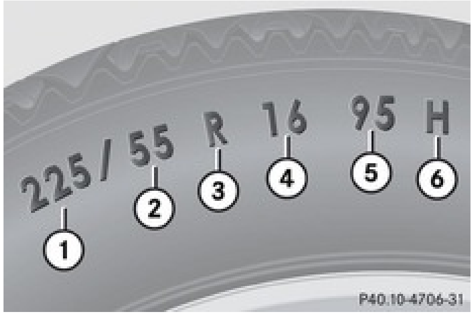


① Uniform Tire Quality Grading Standards (▷ page 468)
② DOT, Tire Identification Number (▷ page 466)
③ Maximum tire load (▷ page 467)
④ Maximum tire inflation pressure (▷ page 467)
⑤ Manufacturer
⑥ Tire ply material (▷ page 469)
⑦ Tire size designation, load and speed rating (▷ page 463)
⑧ Load identification (▷ page 466)
⑨ Tire name

ℹ For illustration purposes only. Actual data on tires are specific to each vehicle and may vary from data shown in above illustration.

For more information, see “Rims and tires” (▷ page 594).

Tire size designation, load and speed rating



① Tire width
② Aspect ratio in %
③ Radial tire code
④ Rim diameter
⑤ Tire load rating
⑥ Tire speed rating

ℹ For illustration purposes only. Actual data on tires are specific to each vehicle and may vary from data shown in above illustration.

General: Depending on the design standards used, the tire size molded into the sidewall may have no letter or a letter preceding the tire size designation.

No letter preceding the size designation (as illustrated above): Passenger car tire based on European design standards.

Letter “P” preceding the size designation: Passenger car tire based on U.S. design standards.

Letter “LT” preceding the size designation: Light Truck tire based on U.S. design standards.

Letter “T” preceding the size designation: Temporary spare tires which are high pressure compact spares designed for temporary emergency use only.

Tire width

Tire width ① indicates the nominal tire width in millimeters.

Tires and wheels

Aspect ratio

Aspect ratio ② is the dimensional relationship between tire section height and section width and is expressed in percentage. The aspect ratio is arrived at by dividing section height by section width.

Tire code

Tire code ③ indicates the tire construction type. The “R” stands for radial tire type. Letter “D” means diagonal or bias ply construction; letter “B” means belted-bias ply construction.

At the tire manufacturer’s option, any tire with a speed capability above 149 mph (240 km/h) can include a “ZR” in the size designation (for example: 245/40 ZR 18). For additional information, see “Tire speed rating” (▷ page 464).

Rim diameter

Rim diameter ④ is the diameter of the bead seat, not the diameter of the rim edge. The rim diameter is indicated in inches (in).

Tire load rating

⚠ **Warning!**

The tire load rating must always be at least half of the GAWR of your vehicle. Otherwise, tire failure may be the result which may cause an accident and/or serious injury to you or others.

Always replace rims and tires with the same designation, manufacturer and type as shown on the original part.

⚠ **Warning!**

Do not overload the tires by exceeding the specified load limit as indicated on the Tire and Loading Information placard on the driver’s door B-pillar. Overloading the tires can overheat them, possibly causing a blowout. Overloading the tires can also result in handling or steering problems, or brake failure.

Tire load rating ⑤ is a numerical code associated with the maximum load a tire can support.

For example, a load rating of 91 corresponds to a maximum load of 1356 lb (615 kg) the tire is designed to support. See also “Maximum tire load” (▷ page 467) where the maximum load associated with the load index is indicated in kilograms and lbs.

For additional information on tire load rating, see “Load identification” (▷ page 466).

Tire speed rating

⚠ **Warning!**

Even when permitted by law, never operate a vehicle at speeds greater than the maximum speed rating of the tires.

Exceeding the maximum speed for which tires are rated can lead to sudden tire failure, causing loss of vehicle control and possibly resulting in an accident and/or serious personal injury and possible death, for you and for others.

Regardless of the tire speed rating, local speed limits should be obeyed. Use prudent driving speeds appropriate to prevailing conditions.

Tire speed rating ⑥ indicates the approved maximum speed for the tire.

Summer tires

Index	Speed rating
Q	up to 100 mph (160 km/h)
R	up to 106 mph (170 km/h)
S	up to 112 mph (180 km/h)
T	up to 118 mph (190 km/h)
H	up to 130 mph (210 km/h)

Index	Speed rating
V	up to 149 mph (240 km/h)
W	up to 168 mph (270 km/h)
Y	up to 186 mph (300 km/h)
ZR...Y	up to 186 mph (300 km/h)
ZR...(..Y)	above 186 mph (300 km/h)
ZR	above 149 mph (240 km/h)

- At the tire manufacturer's option, any tire with a speed capability above 149 mph (240 km/h) can include a "ZR" in the size designation (for example: 245/40 ZR18). To determine the maximum speed capability of the tire, the service description for the tire must be referred to.

  The service description is comprised of tire load rating ⑤ and tire speed rating ⑥.

  If your tire includes "ZR" in the size designation and no service description is given, the tire manufacturer must be consulted for the maximum speed capability.

  If a service description is given, the speed capability is limited by the speed symbol in the service description. Example: 245/40 ZR18 97Y. In this example, "97Y" is the service description. The letter "Y" designates the speed rating and the speed capability of the tire is limited to 186 mph (300 km/h).
- Any tire with a speed capability above 186 mph (300 km/h) must include a "ZR" in the size designation AND the service description must be placed in parenthesis. Example: 275/40 ZR 18 (99Y). The "(Y)" speed rating in parenthesis designates the maximum speed capability of the tire as being above 186 mph (300 km/h). Consult the tire manufacturer for the actual maximum permissible speed of the tire.

All-season and winter tires

Index	Speed rating
Q M+S[8]	up to 100 mph (160 km/h)
T M+S[8]	up to 118 mph (190 km/h)
H M+S[8]	up to 130 mph (210 km/h)
V M+S[8]	up to 149 mph (240 km/h)

ℹ Not all M+S rated tires provide special winter performance. Make sure the tires you use show M+S and the mountain/snowflake ❄ marking on the tire sidewall. These tires meet specific snow traction performance requirements of the Rubber Manufacturers Association (RMA) and the Rubber Association of Canada (RAC) and have been designed specifically for use in snow conditions.

An electronic speed limiter prevents your vehicle from exceeding a speed of:

- 130 mph (210 km/h):
  - All models except AMG vehicles
- 155 mph (250 km/h):
  - S 63 AMG
  - S 65 AMG
- 186 mph (300 km/h):
  - S 63 AMG (Performance Package)
  - S 63 AMG with increased top speed
  - S 65 AMG with increased top speed

The factory equipped tires on your vehicle may have a tire speed rating above the

▷▷

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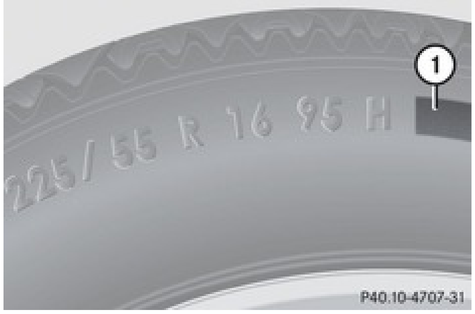
[8] or M+S ❄ for winter tires

maximum speed permitted by the electronic speed limiter.

Make sure your tires have the required tire speed rating as specified for your vehicle in the “Technical data” section (▷ page 594), for example when purchasing new tires.

If you are uncertain about the correct reading of the information given on a tire’s sidewall, any authorized Mercedes-Benz Center will be glad to assist you.

Load identification



① Load identification

ℹ For illustration purposes only. Actual data on tires are specific to each vehicle and may vary from data shown in above illustration.

In addition to tire load rating, special load identification ① may be molded into the tire sidewall following the letter designating the tire speed rating ⑥ (▷ page 463).

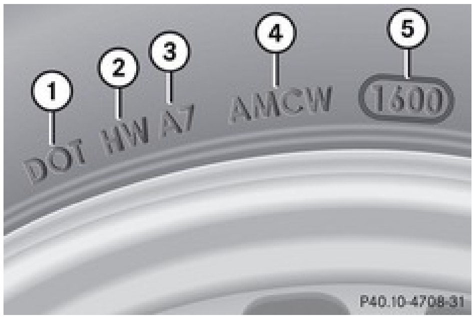
- No specification given: absence of any text (like in above example) indicates a standard load (SL) tire.
- XL or Extra Load: designates an extra load (or reinforced) tire.
- Light Load: designates a light load tire.
- C, D, E: designates load range associated with the maximum load a tire can carry at a specified pressure.

DOT, Tire Identification Number (TIN)

U.S. tire regulations require each new tire manufacturer or tire retreader to mold a TIN into or onto a sidewall of each tire produced.

The TIN is a unique identifier which facilitates efforts by tire manufactures to notify purchasers in recall situations or other safety matters concerning tires and gives purchasers the means to easily identify such tires.

The TIN is comprised of “Manufacturer’s identification mark”, “Tire size”, “Tire type code” and “Date of manufacture”.



① DOT
② Manufacturer’s identification mark
③ Tire size
④ Tire type code (at the option of the tire manufacturer)
⑤ Date of manufacture

ℹ For illustration purposes only. Actual data on tires are specific to each vehicle and may vary from data shown in above illustration.

DOT (Department of Transportation)

Tire branding symbol ① denotes that the tire meets requirements of the U.S. Department of Transportation.

Manufacturer's identification mark

Manufacturer's identification mark ② denotes the tire manufacturer.

New tires have a mark with two symbols.

Retreaded tires have a mark with four symbols. For more information on retreaded tires, see (▷ page 450).

Tire size

Code ③ indicates the tire size.

Tire type code

Tire type code ④ may, at the option of the manufacturer, be used as a descriptive code for identifying significant characteristics of the tire.

Date of manufacture

The date of manufacture ⑤ identifies the week and year of manufacture.

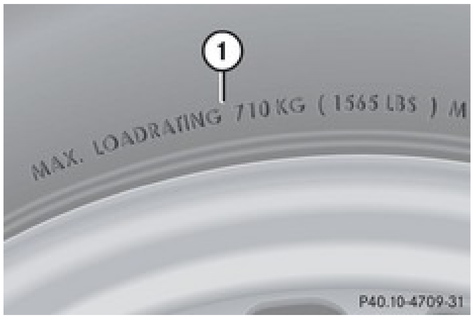
The first two figures identify the week, starting with "01" to represent the first full week of the calendar year. The second two figures represent the year.

For example, "3202" represents the 32nd week of 2002.

Maximum tire load

⚠ **Warning!**

Do not overload the tires by exceeding the specified load limit as indicated on the Tire and Loading Information placard on the driver's door B-pillar. Overloading the tires can overheat them, possibly causing a blowout. Overloading the tires can also result in handling or steering problems, or brake failure.



① Maximum tire load rating

ℹ For illustration purposes only. Actual data on tires are specific to each vehicle and may vary from data shown in above illustration.

The maximum tire load is the maximum weight the tires are designed to support.

For more information on tire load rating, see (▷ page 464).

For information on calculating total and cargo load capacities, see (▷ page 454).

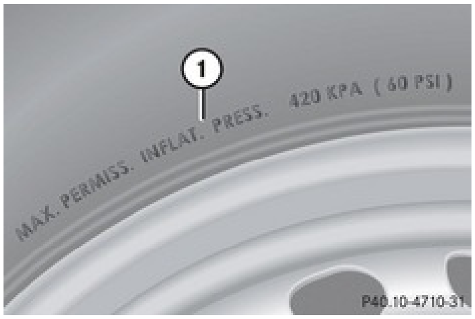
Maximum tire inflation pressure

⚠ **Warning!**

Never exceed the maximum tire inflation pressure. Follow recommended tire inflation pressures.

Do not underinflate tires. Underinflated tires wear excessively and/or unevenly, adversely affect handling and fuel economy, and are more likely to fail from being overheated.

Do not overinflate tires. Overinflated tires can adversely affect handling and ride comfort, wear unevenly, increase stopping distance, and result in sudden deflation (blowout) because they are more likely to become punctured or damaged by road debris, potholes etc.



① Maximum permissible tire inflation pressure

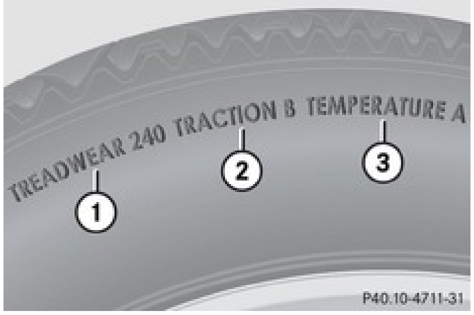
ℹ For illustration purposes only. Actual data on tires are specific to each vehicle and may vary from data shown in above illustration.

This is the maximum permissible tire inflation pressure for the tire.

Always follow the recommended tire inflation pressure (▷ page 456) for proper tire inflation.

Uniform Tire Quality Grading Standards

The Uniform Tire Quality Grading is a U.S. Government requirement designed to give drivers consistent and reliable information regarding tire performance. Tire manufacturers are required to grade tires based on three performance factors: treadwear, traction, and temperature resistance. Although not a Government of Canada requirement, all tires made for sale in North America have these grades branded on the sidewall.



① Treadwear
② Traction
③ Temperature resistance

ℹ For illustration purposes only. Actual data on tires are specific to each vehicle and may vary from data shown in above illustration.

Quality grades can be found, where applicable, on the tire sidewall between tread shoulder and maximum section width. For example:

Treadwear	Traction	Temperature
200	AA	A

All passenger car tires must conform to federal safety requirements in addition to these grades.

Treadwear

The treadwear grade is a comparative rating based on the wear rate of the tire when tested under controlled conditions on a specified U.S. Government test course. For example, a tire graded 150 would wear one and one-half (1 $^{1}/_{2}$) times as well on the government course as a tire graded 100.

The relative performance of tires depends upon the actual conditions of their use, however, and may depart significantly from the norm due to variations in driving habits, service practices and differences in road characteristics and climate.

Traction

⚠ Warning!

The traction grade assigned to this tire is based on straight-ahead braking traction tests, and does not include acceleration, cornering, hydroplaning, or peak traction characteristics.

The traction grades, from highest to lowest, are AA, A, B, and C. Those grades represent the tire's ability to stop on wet pavement as measured under controlled conditions on specified government test surfaces of asphalt and concrete. A tire marked C may have poor traction performance.

⚠ Warning!

If ice has formed on the road, tire traction will be substantially reduced. Under such weather conditions, drive, steer and brake with extreme caution.

The safe speed on a wet, snow covered or icy road is always lower than on a dry road.

You should pay particular attention to the condition of the road whenever the outside temperature is close to the freezing point.

Mercedes-Benz recommends winter tires (▷ page 473) with a minimum tread depth of approximately $^{1}/_{6}$ in (4 mm) on all four wheels for the winter season to ensure normal balanced handling characteristics. On packed snow, they can reduce your stopping distance compared to summer tires. Stopping distance, however, is still considerably greater than when the road is not covered with snow or ice. Exercise appropriate caution.

! Avoid spinning of a drive wheel. This may cause serious damage to the drivetrain which is not covered by the Mercedes-Benz Limited Warranty.

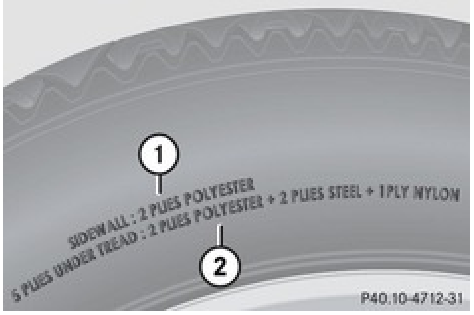
Temperature

⚠ Warning!

The temperature grade for this tire is established for a tire that is properly inflated and not overloaded. Excessive speed, underinflation, or excessive loading, either separately or in combination, can cause excessive heat build-up and possible tire failure.

The temperature grades are A (the highest), B, and C, representing the tire's resistance to the generation of heat and its ability to dissipate heat when tested under controlled conditions on a specified indoor laboratory test wheel. Sustained high temperature can cause the material of the tire to degenerate and reduce tire life, and excessive temperature can lead to sudden tire failure. The grade C corresponds to a level of performance which all passenger car tires must meet under the Federal Motor Vehicle Safety Standard No. 109. Grades B and A represent higher levels of performance on the laboratory test wheel than the minimum required by law.

Tire ply material


1
SIDEWALL : 2 PLIES POLYESTER
5 PLIES UNDER TREAD : 2 PLIES POLYESTER + 2 PLIES STEEL + 1PLY NYLON
2
P40.10-4712-31

① Plies in sidewall
② Plies under tread

Tires and wheels

ℹ For illustration purposes only. Actual data on tires are specific to each vehicle and may vary from data shown in above illustration.

This marking tells you about the type of cord and number of plies in the sidewall and under the tread.

Tire and loading terminology

Accessory weight

The combined weight (in excess of those standard items which may be replaced) of automatic transmission, power steering, power brakes, power windows, power seats, radio, and heater, to the extent that these items are available as factory-installed equipment (whether installed or not).

Air pressure

The amount of air inside the tire pressing outward on each square inch of the tire. Air pressure is expressed in pounds per square inch (psi), or kilopascal (kPa) or bar.

Aspect ratio

Dimensional relationship between tire section height and section width expressed in percentage.

Bar

Another metric unit for air pressure. There are 14.5038 pounds per square inch (psi) to 1 bar; there are 100 kilopascals (kPa) to 1 bar.

Bead

The tire bead contains steel wires wrapped by steel cords that hold the tire onto the rim.

Cold tire inflation pressure

Tire inflation pressure when your vehicle has been sitting for at least 3 hours or driven no more than 1 mile (1.6 km).

Curb weight

The weight of a motor vehicle with standard equipment including the maximum capacity of fuel, oil, and coolant, and, if so equipped, air conditioning and additional optional equipment, but without passengers and cargo.

DOT (Department of Transportation)

A tire branding symbol which denotes the tire meets requirements of the U.S. Department of Transportation.

GAWR (Gross Axle Weight Rating)

The GAWR is the maximum permissible axle weight. The gross vehicle weight on each axle must never exceed the GAWR for the front and rear axle indicated on the certification label located on the driver’s door B-pillar.

GVW (Gross Vehicle Weight)

The GVW comprises the weight of the vehicle including fuel, tools, spare wheel, installed accessories, passengers and cargo and, if applicable, trailer tongue load. The GVW must never exceed the GVWR indicated on the certification label located on the driver’s door B-pillar.

GVWR (Gross Vehicle Weight Rating)

This is the maximum permissible vehicle weight of the fully loaded vehicle (weight of the vehicle including all options, passengers, fuel, and cargo and, if applicable, trailer tongue load). It is indicated on certification label located on the driver's door B-pillar.

Kilopascal (kPa)

The metric unit for air pressure. There are 6.9 kPa to 1 psi; another metric unit for air pressure is bar. There are 100 kilopascals (kPa) to 1 bar.

Maximum load rating

The maximum load in kilograms and pounds that can be carried by the tire.

Maximum loaded vehicle weight

The sum of curb weight, accessory weight, total load limit, and production options weight.

Maximum permissible tire inflation pressure

This number is the greatest amount of air pressure that should ever be put in the tire.

Normal occupant weight

The number of occupants the vehicle is designed to seat, multiplied by 68 kilograms (150 lb).

Occupant distribution

The distribution of occupants in a vehicle at their designated seating positions.

Production options weight

The combined weight of those installed regular production options weighing over 5 lbs (2.3 kilograms) in excess of those standard items which they replace, not previously considered in curb weight or accessory weight, including heavy duty brakes, ride levelers, roof rack, heavy duty battery, and special trim.

PSI (Pounds per square inch)

A standard unit of measure for air pressure.

Recommended tire inflation pressure

The recommended tire inflation pressure for normal driving conditions is listed on the Tire and Loading Information placard located on the driver's door B-pillar and provides best handling, tread life and riding comfort. If so equipped, supplemental information pertaining to special driving situations can be found on the tire inflation pressure label on the inside of the fuel filler flap.

Rim

A metal support for a tire or a tire and tube assembly upon which the tire beads are seated.

Sidewall

The portion of a tire between the tread and the bead.

TIN (Tire Identification Number)

Unique identifier which facilitates efforts by tire manufacturers to notify purchasers in recall situations or other safety matters concerning tires and gives purchasers the means to easily identify such tires. The TIN is comprised of “Manufacturer's identification mark”, “Tire size”, “Tire type code” and “Date of manufacture”.

Tires and wheels

Tire load rating

Numerical code associated with the maximum load a tire can support.

Tire ply composition and material used

This indicates the number of plies or the number of layers of rubber-coated fabric in the tire tread and sidewall. Tire manufacturers also must indicate the ply materials in the tire and sidewall, which include steel, nylon, polyester, and others.

Tire speed rating

Part of tire designation; indicates the speed range for which a tire is approved.

Total load limit

Rated cargo and luggage load plus 68 kilograms (150 lb) times the vehicle's designated seating capacity.

Traction

Force exerted by the vehicle on the road via the tires. The amount of grip provided.

Tread

The portion of a tire that comes into contact with the road.

Treadwear indicators

Narrow bands, sometimes called "wear bars" that show across the tread of a tire when only $^{1}/_{16}$ in (1.6 mm) of tread remains.

Uniform Tire Quality Grading Standards

A tire information system that provides consumers with ratings for a tire's traction, temperature and treadwear. Ratings are determined by tire manufacturers using U.S. government testing procedures. The ratings are molded into the sidewall of the tire.

Vehicle maximum load on the tire

Load on an individual tire that is determined by distributing to each axle its share of the maximum loaded vehicle weight and dividing it by two.

Rotating tires

⚠ **Warning!**

Rotate front and rear wheels only if the tires are of the same dimension.

If your vehicle is equipped with mixed-size tires (different tire dimensions front vs. rear), tire rotation is not possible.

⚠ **Warning!**

Have the tightening torque checked after changing a wheel. The wheels could come loose if they are not tightened to a torque of 110 lb-ft (150 Nm).

Only use genuine Mercedes-Benz wheel bolts specified for your vehicle's rims.

Tire rotation can be performed on vehicles with tires of the same dimension all around. If your vehicle is equipped with tires of the same dimension all around, tires can be rotated, observing a front-to-rear rotation pattern that will maintain the intended rotation (spinning) direction of the tire (▷ page 452).

In some cases, such as when your vehicle is equipped with mixed-size tires (different tire dimension front vs. rear), tire rotation is not possible.

If applicable to your vehicle’s tire configuration, tires can be rotated according to the tire manufacturer’s recommended intervals in the tire manufacturer’s warranty pamphlet located in your vehicle literature portfolio. If none is available, tires should be rotated every 3 000 to 6 000 miles (5 000 to 10 000 km), or sooner if necessary, according to the degree of tire wear. The same rotation (spinning) direction must be maintained.

Rotate tires before the characteristic tire wear pattern becomes visible (shoulder wear on front tires and tread center wear on rear tires).

Thoroughly clean the mounting face of wheels and brake disks, i.e. the inner side of the wheels/tires, during each rotation. Check for and ensure proper tire inflation pressure.

For information on wheel change, see “Flat tire” (▷ page 571).

Winter driving

General information

Have your vehicle winterized at an authorized Mercedes-Benz Center.

Winter tires

⚠ Warning!

Winter tires with a tread depth of less than $^{1}/_{6}$ in (4 mm) must be replaced. They are no longer suitable for winter operation.

⚠ Warning!

If you use your spare wheel when winter tires are fitted on the other wheels, be aware that the difference in tire characteristics may very well impair turning stability and that overall driving stability may be reduced. Adapt your driving style accordingly.

Have the spare wheel replaced by regular road wheel with a winter tire at the nearest authorized Mercedes-Benz Center.

Always use winter tires at temperatures below 45°F (7°C) and whenever wintry road conditions prevail. Not all M+S rated tires provide special winter performance. Make sure the tires you use show the mountain/ snowflake ❄ marking on the tire sidewall. These tires meet specific snow traction performance requirements of the Rubber Manufacturers Association (RMA) and the Rubber Association of Canada (RAC) and have been designed specifically for use in snow conditions. Use of winter tires is the only way to achieve the maximum effectiveness of your vehicle’s driving safety systems such as the ABS and the ESP® in winter operation.

For safe handling, make sure all mounted winter tires are of the same make and have the same tread design.

For information on winter tires for your vehicle model, see the “Technical data” section (▷ page 594).

Always observe the speed rating of the winter tires installed on your vehicle. If the maximum speed for which your tires are rated is below the speed rating of your vehicle, you must place a notice to this effect where it will be seen by the driver. Such notices are available at your tire dealer or any authorized Mercedes-Benz Center.

Winter driving

Snow chains

! When driving with snow chains, always select the raised level of the vehicle level control. Other settings may result in damage to your vehicle.

! Some tire sizes do not leave adequate clearance for snow chains. To help avoid serious damage to your vehicle or tires, make sure the use of snow chains is permissible as specified in the “Technical data” section of this Operator’s Manual.

Snow chains should only be driven on snow-covered roads at speeds not to exceed 30 mph (50 km/h). Remove chains as soon as possible when driving on roads without snow.

Observe the following guidelines when using snow chains:

- Use of snow chains is not permissible with all wheel/tire combinations (▷ page 594).
- Use snow chains in pairs and on rear wheels only. Follow the manufacturer’s mounting instructions.

! If snow chains are mounted to the front wheels, they may scrape against the body or axle components. The tires or the vehicle could be damaged as a result.

- Only use snow chains that are approved by Mercedes-Benz. Any authorized Mercedes-Benz Center will be glad to advise you on this subject.
- Use of snow chains may be prohibited depending on location. Always check local and state laws before installing snow chains.
- Do not use snow chains on the spare wheel.

i When driving with snow chains, you may wish to switch off the ESP® (▷ page 73) before setting the vehicle in motion. This will improve the vehicle’s traction.

Winter driving instructions

⚠ **Warning!**

If the vehicle becomes stuck in snow, make sure snow is kept clear of the exhaust pipe and from around the vehicle with the engine running. Otherwise, deadly carbon monoxide (CO) gases may enter vehicle interior resulting in unconsciousness and death.

To assure sufficient fresh air ventilation, open a window slightly on the side of the vehicle not facing the wind.

⚠ **Warning!**

The outside temperature indicator is not designed to serve as an ice-warning device and is therefore unsuitable for that purpose.

Indicated temperatures just above the freezing point do not guarantee that the road surface is free of ice. The road may still be icy, especially in wooded areas or on bridges.

⚠ **Warning!**

On slippery road surfaces, never downshift in order to obtain braking action. This could result in drive wheel slip and reduced vehicle control. Your vehicle’s ABS will not prevent this type of loss of control.

The most important rule for slippery or icy roads is to drive sensibly and to avoid abrupt acceleration, braking and steering maneuvers. Do not use the cruise control or DISTRONIC Plus system under such conditions.

When the vehicle is in danger of skidding, shift the automatic transmission to neutral position **N**. Try to keep the vehicle under control by corrective steering action.

ℹ For information on driving with snow chains, see “Snow chains” (▷ page 474).

Road salts and chemicals can adversely affect braking efficiency. Increased pedal force may become necessary to produce the normal brake effect.

Depressing the brake pedal periodically when traveling at length on salt-strewn roads can bring road-salt-impaired braking efficiency back to normal.

If the vehicle is parked after being driven on salt-treated roads, the braking efficiency should be tested as soon as possible after driving is resumed.

⚠ Warning!

Make sure not to endanger any other road users when carrying out these braking maneuvers.

Driving instructions

Drive sensibly – save fuel

To save fuel you should:

- Keep tires at the recommended inflation pressures.
- Remove unnecessary loads.
- Remove roof rack when not in use.
- Allow engine to warm up under low load use.
- Avoid frequent acceleration and deceleration.
- Have all maintenance work performed at the intervals specified in the Maintenance Booklet and as required by the Maintenance system. Contact an authorized Mercedes-Benz Center.

Fuel consumption is also increased by driving in cold weather, in stop-and-go traffic, on short trips and in mountainous areas.

Driving instructions

Drinking and driving

⚠ **Warning!**

Drinking and driving and/or taking drugs and driving are very dangerous combinations. Even a small amount of alcohol or drugs can affect your reflexes, perceptions and judgment.

The possibility of a serious or even fatal accident are greatly increased when you drink or take drugs and drive.

Do not drink or take drugs and drive or allow anyone to drive who has been drinking or taking drugs.

Pedals

⚠ **Warning!**

Make sure absolutely no objects are obstructing the pedals' range of movement. Keep the driver's footwell clear of all obstacles. If there are any floormats or carpets in the footwell, make sure that the pedals still have sufficient clearance.

During sudden driving or braking maneuvers, the objects could get caught between the pedals. You could then no longer brake or accelerate. This could lead to accidents and injury.

Power assistance

⚠ **Warning!**

There is no power assistance for the steering and the service brake when the engine is not running.

Steering and braking requires significantly more effort and you could lose control of the vehicle and cause an accident as a result.

Do not turn off the engine while the vehicle is in motion.

Brakes

Downhill grades

! When driving down long and steep grades, relieve the load on the brakes by shifting into a lower gear to use the engine's braking power. This helps prevent overheating of the brakes and reduces wear.

When using the engine's braking power, a drive wheel may not spin for an extended period of time, e.g. on slippery road surfaces. This may cause serious damage to the drivetrain which is not covered by the Mercedes-Benz Limited Warranty.

Continuous or hard braking

⚠ **Warning!**

Resting your foot on the brake pedal will cause excessive and premature wear of the brake pads.

It can also result in the brakes overheating, thereby significantly reducing their effectiveness. It may not be possible to stop the vehicle in sufficient time to avoid an accident.

After hard braking, it is advisable to drive on for some time, rather than immediately park, so that the air stream will cool down the brakes faster.

Wet roads

⚠ **Warning!**

After driving in heavy rain for some time without applying the brakes or through water deep enough to wet brake components, the first braking action may be somewhat reduced and increased pedal pressure may be necessary to obtain expected brake effect. Maintain a safe distance from vehicles in front.

To help prevent brake disk corrosion after driving on wet or salt-covered roads, it is advisable to brake the vehicle with considerable force prior to parking. The heat generated serves to dry the brakes.

Salt-covered roads

⚠ **Warning!**

A layer of salt on the brake discs and the brake linings may cause a delay in the braking effect, resulting in a significantly increased braking distance, which could lead to an accident.

To avoid this danger, you should:

- occasionally brake carefully when you are driving on salt-covered roads, so that any layer of salt that may have built up on the brake discs and the brake linings is removed without putting other road users at risk
- maintain a greater distance to the vehicle ahead and drive with particular care
- carefully apply the brakes at the end of a trip and immediately after commencing a new trip, so that salt residues are removed from the brake disc

Brake service

! The brake fluid level in the reservoir may be too low if the red brake warning lamp in the instrument cluster comes on while the engine is running and an acoustic warning sounds. Observe additional messages in the multifunction display that may appear.

Brake pad wear or a leak in the system may be the reason for low brake fluid in the reservoir.

Have the brake system inspected immediately. Contact an authorized Mercedes-Benz Center.

All checks and service work on the brake system should be carried out by qualified technicians only. Contact an authorized Mercedes-Benz Center.

Only install brake pads and use brake fluid recommended by Mercedes-Benz.

⚠ **Warning!**

If other than recommended brake pads are installed, or other than recommended brake fluid is used, the braking properties of the vehicle can be degraded to an extent that safe braking is substantially impaired. This could result in an accident.

! Vehicles with 4MATIC:

Only conduct operational or performance tests on a two-axle dynamometer. If such tests are necessary, contact an authorized Mercedes-Benz Center. You could otherwise seriously damage the brake system or the transfer case which is not covered by the Mercedes-Benz Limited Warranty.

! Vehicles with 4MATIC:

Because the ESP® operates automatically, the engine and ignition must be shut off (SmartKey in starter switch position **0** or **1** or KEYLESS-GO start/stop button in position **0** or **1**) when the electronic parking brake is being tested on a brake test dynamometer.

Active braking action through the ESP® may otherwise seriously damage the brake system which is not covered by the Mercedes-Benz Limited Warranty.

! Vehicles without 4MATIC:

Because the ESP® operates automatically, the engine and ignition must be shut off

▷▷

Driving instructions

(SmartKey in starter switch position **0** or **1** or KEYLESS-GO start/stop button in position **0** or **1**) when the electronic parking brake is being tested on a brake test dynamometer or when the vehicle is being towed with one axle raised.

Active braking action through the ESP® may otherwise seriously damage the brake system which is not covered by the Mercedes-Benz Limited Warranty.

If your brake system is normally only subjected to moderate loads, you should occasionally test the effectiveness of the brakes by applying above-normal braking pressure at higher speeds. This will also enhance the grip of the brake pads.

⚠ **Warning!**

Make sure not to endanger any other road users when carrying out these braking maneuvers.

Refer to the description of the Brake Assist System BAS (▷ page 70) or BAS Plus (▷ page 70).

High-performance brake system

The high-performance brake system is only available on S 63 AMG and S 65 AMG.

⚠ **Warning!**

New vehicle brake pads and discs, and replacement brake pads and discs may take several hundred miles of driving until they provide optimum braking efficiency. Until that time, you may need to use increased brake pedal pressure while braking. Please be aware of this and adjust your driving and braking accordingly during this break-in period.

Excessive high-demand braking will cause correspondingly high brake wear. Please be attentive to the brake warning lamp in the instrument cluster and brake condition messages in the multifunction display. Especially for high performance driving, it is important to maintain and have the brake system checked regularly.

The high-performance brake system is designed to operate under the extremely high operating demands required to accommodate the performance capabilities of the vehicle.

The brakes may produce a squeaking-type noise depending on the

- vehicle speed
- brake force applied
- ambient conditions, e.g. temperature and humidity

As with any brake system, the wear of individual brake system components such as brake pads or disks strongly depends on your driving style and the conditions under which you operate the vehicle. Thus, a driving style calling for high-demand braking will cause your vehicle’s brakes to wear more quickly.

Driving off

Warm up the engine smoothly. Do not place full load on the engine until the operating temperature has been reached.

! When driving off on a slippery surface, do not allow a drive wheel to spin for an extended period with the ESP® switched off. Doing so may cause serious damage to the drivetrain which is not covered by the Mercedes-Benz Limited Warranty.

! Simultaneously depressing the accelerator pedal and applying the brakes reduces engine performance and causes premature brake and drivetrain wear which is not covered by the Mercedes-Benz Limited Warranty.

Hydroplaning

Depending on the depth of the water layer on the road, hydroplaning may occur, even at low speeds and with new tires. In heavy rain or when conditions indicate possible hydroplaning:

- ▶ Reduce vehicle speed.
- ▶ Avoid track grooves in the road.
- ▶ Apply brakes cautiously.

Standing water

! Do not drive through flooded areas. Before driving through water, determine its depth.

If you must drive through standing water, drive slowly to prevent water from entering the passenger compartment or the engine compartment. Water in these areas could cause damage to electrical components or wiring of the engine or transmission, or could result in water being ingested by the engine through the air intake causing severe internal engine damage. Any such damage is not covered by the Mercedes-Benz Limited Warranty.

Driving abroad

If you plan to drive the vehicle outside the U.S. or Canada, you should request dealer network information for your destination from any authorized Mercedes-Benz Center.

Control and operation of radio transmitter

Safety notes

⚠ **Warning!**

Please do not forget that your primary responsibility is to drive the vehicle. A driver’s attention to the road must always be his/her primary focus when driving. For your safety and the safety of others, we recommend that you pull over to a safe location and stop before placing or taking a telephone call.

If you choose to use the telephone[9] while driving, please use the hands-free device and only use the telephone when road, weather and traffic conditions permit. Some jurisdictions prohibit the driver from using a mobile telephone while driving a vehicle.

▷▷

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[9] Observe all legal requirements.

Driving instructions

Only operate the COMAND[9] (Cockpit Management and Data System) if road, weather and traffic conditions permit. Otherwise, you may not be able to observe traffic conditions and could endanger yourself and others.

Bear in mind that at a speed of just 30 mph (approximately 50 km/h), your vehicle is covering a distance of 44 feet (approximately 14 m) every second.

Telephones and two-way radios

⚠ **Warning!**

Never operate radio transmitters equipped with a built-in or attached antenna, such as a portable telephone or a citizens band unit, from inside the vehicle while the engine is running. Doing so could lead to a malfunction of the vehicle’s electronic system, possibly resulting in an accident and/or serious personal injury. Radio transmitters should only be used inside the vehicle if they are connected to an antenna that is installed on the outside of the vehicle.

Refer to the radio transmitter operation instructions regarding use of an external antenna.

Emission control

Certain systems of the engine serve to keep the toxic components of the exhaust gases within permissible limits required by law.

These systems will function properly only when maintained strictly according to factory specifications. Any adjustments on the engine should, therefore, be carried out only by qualified Mercedes-Benz Center authorized technicians.

Engine adjustments should not be altered in any way. Moreover, the specified service procedures must be carried out regularly according to Mercedes-Benz servicing requirements. For details refer to the Maintenance Booklet.

⚠ **Warning!**

Inhalation of exhaust gas is hazardous to your health. All exhaust gas contains carbon monoxide (CO), and inhaling it can cause unconsciousness and possible death.

Do not run the engine in confined areas (such as a garage) which are not properly ventilated. If you think that exhaust gas fumes are entering the vehicle while driving, have the cause determined and corrected immediately. If you must drive under these conditions, drive only with at least one window fully open at all times.

---

[9] Observe all legal requirements.

Maintenance

Notes

The Maintenance System in your vehicle tracks the distance driven and the time elapsed since the last maintenance service, calculates other maintenance service work required, and calls for the next maintenance service accordingly.

We strongly recommend that you have your vehicle serviced at an authorized Mercedes-Benz Center, in accordance with the Maintenance Booklet at the times called for by the maintenance service indicator.

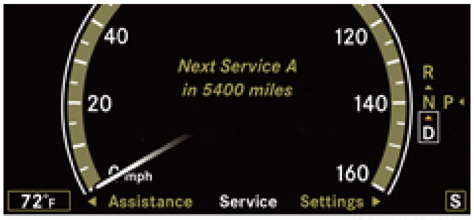
ℹ Failure to have the vehicle maintained in accordance with the Maintenance Booklet and maintenance service indicator at the designated times/mileage will result in vehicle damage not covered by the Mercedes-Benz Limited Warranty.

Maintenance service indicator message

The maintenance service indicator message will notify you when the next maintenance service is due.

Starting approximately 1 month before the next maintenance service is due, one of the following messages will appear in the multifunction display while you are driving or when you switch on the ignition (example service A):

Next Service A in XXX miles (km)
Next Service A in XXX days
Service A Due


Next Service A
in 5400 miles

P54.32-6505-31

The maintenance services will be indicated by showing a service type A through type H in the multifunction display. Types A through H are classified based on estimated time needed to perform the maintenance service, ranging:

from Service A
(approximately 1 hour)
to Service H
(approximately 8 hours)

Refer to Maintenance Booklet for a listing of maintenance services and intervals they need to be performed at.

Clearing the maintenance service indicator message

The maintenance service indicator message is cleared automatically

- after approximately 10 seconds when you switch on the ignition
- after approximately 10 seconds when reaching the service threshold while driving
- after approximately 30 seconds, once the suggested maintenance service term has passed

▶ **Clearing the maintenance service indicator message manually:** Press button ↩ on the multifunction steering wheel.
The standard display appears in the multifunction display.

Maintenance service term exceeded

If you have exceeded the suggested maintenance service term, you will see the following message in the multifunction display:

`Service A Exceeded by XXXX miles (km)`

`Service A Exceeded By XXX days`

In addition, a signal sounds when the message appears.

Any authorized Mercedes-Benz Center will reset the maintenance service indicator following a completed maintenance service.

Calling up the maintenance service indicator display

ℹ The menu overview can be found on (▷ page 240).

You can call up the maintenance service indicator display at any time to check when the next maintenance service is due.

- Switch on the ignition.
  The standard display of the control system appears (▷ page 241).
- Press button ◀ or ▶ on the multifunction steering wheel to select the `Service` menu.
- Press button ▼ or ▲ to select `ASSYST PLUS`.
- Press button OK on the multifunction steering wheel to confirm.
  The maintenance service indicator display with the maintenance service deadline appears in the multifunction display.

ℹ If the battery is disconnected, the days of disconnection will not be included in the count shown by the maintenance service indicator. To arrive at the true maintenance service deadline, you will need to subtract these days from the days shown in the maintenance service indicator message or maintenance service indicator display.

Resetting the maintenance service indicator

In the event that the maintenance service on your vehicle is not carried out at an authorized Mercedes-Benz Center, you can have the maintenance service indicator reset.

The automotive maintenance facility carrying out the maintenance service will find the information for resetting the maintenance service indicator in the maintenance-relevant literature for your vehicle. Such literature is available from any authorized Mercedes-Benz Center or directly from Mercedes-Benz.

! If the maintenance service indicator was inadvertently reset, have an authorized Mercedes-Benz Center correct it.

Only reset if the proper maintenance service has been performed. Resetting the system without performing the proper maintenance service as called for by the maintenance service indicator will result in engine damage and/or other vehicle damage not covered by the Mercedes-Benz Limited Warranty.

Vehicle care

Cleaning and care of the vehicle

Notes

Regular and proper care will help to maintain the value of your vehicle.

⚠ **Warning!**

Many cleaning products can be hazardous. Some are poisonous, others are flammable. Always follow the instructions on the particular container. Always open your vehicle's doors or windows when cleaning the inside.

Never use fluids or solvents that are not designed for cleaning your vehicle.

Always lock away cleaning products and keep them out of reach of children.

! When cleaning the vehicle, do not use scouring agents. Never apply strong force and only use a soft, wet cloth or sponge. Otherwise you may scratch or damage the surface to be cleaned.

While in operation, even while parked, your vehicle is subjected to varying external influences which, if gone unchecked, can attack the paintwork as well as the vehicle underbody and cause lasting damage.

Such damage is caused not only by extreme and varying climatic conditions, but also by:

- Air pollution
- Road salt
- Tar
- Gravel and stone chipping

To avoid paint damage, you should immediately remove:

- Grease and oil
- Fuel
- Coolant
- Brake fluid
- Bird droppings
- Insects
- Tree resins etc.

Frequent washing reduces and/or eliminates the aggressiveness and potency of the above adverse influences.

More frequent washings are necessary to deal with unfavorable conditions:

- near the ocean
- in industrial areas (smoke, exhaust emissions)
- during winter operation

You should check your vehicle from time to time for stone chipping or other damage. Any damage should be repaired as soon as possible to prevent corrosion.

In doing so, do not neglect the underbody of the vehicle. A prerequisite for a thorough check is a washing of the underbody followed by a thorough inspection. Damaged areas need to be re-undercoated.

Your vehicle has been treated at the factory with a wax-base rustproofing in the body cavities which will last for the lifetime of the vehicle. Post-production treatment is neither necessary nor recommended by Mercedes-Benz because of the possibility of incompatibility between materials used in the production process and others applied later.

We have selected vehicle-care products and compiled recommendations which are specially matched to our vehicles and which always reflect the latest technology. You can obtain Mercedes-Benz approved vehicle-care products at an authorized Mercedes-Benz Center.

Scratches, corrosive deposits, corrosion or damage due to negligent or incorrect care cannot always be removed or repaired with the vehicle-care products recommended

▷▷

here. In such cases it is best to seek aid at an authorized Mercedes-Benz Center.

The following topics deal with the cleaning and care of your vehicle and give important “how-to” information as well as references to Mercedes-Benz approved vehicle-care products.

Power washer

! Follow the instructions provided by the power washer manufacturer on maintaining a distance between the vehicle and the nozzle of the power washer.

Never use a round nozzle to power-wash tires. The intense jet of water can result in damage to the tire.

Always replace a damaged tire.

Always keep the jet of water moving across the surface. Do not aim directly at electrical parts, electrical connectors, seals, or other rubber parts.

ℹ Vehicles with KEYLESS-GO:
If a door handle is hit by a strong jet of water, and a SmartKey is within approximately 3 ft (1 m) of the vehicle, it could be inadvertently locked or unlocked.

Tar stains

Quickly remove tar stains before they dry and become more difficult to remove. A tar remover is recommended.

Paintwork, painted body components

! Affixing stickers, magnets, adhesive tape or similar materials to painted body components may damage the paintwork.

Mercedes-Benz approved Paint Care should be applied when water drops on the paint surface do not “bead up”. This should normally be done every 3 to 5 months, depending on the climate and washing detergent used.

Mercedes-Benz approved Paint Cleaner should be applied if the paint surface shows signs of embedded dirt (i.e. loss of gloss).

Do not apply any of these products or wax if your vehicle is parked in the sun or if the hood is still hot.

▶ Use the appropriate MB-Touch-Up Stick for quick and provisional repairs of minor paint damage (i.e. chips from stones, vehicle doors, etc.).

Engine cleaning

Prior to cleaning the engine compartment, make sure to protect electrical components and connectors from contact with water and cleaning agents.

Corrosion protection, such as MB Anticorrosion Wax should be applied to the engine compartment after every engine cleaning. Before applying, all control linkage bushings and joints should be lubricated. The poly-V-belt and all pulleys should be protected from any wax.

Vehicle washing

In the winter, thoroughly remove all traces of road salt as soon as possible.

When washing the vehicle underbody, do not forget to clean the inner sides of the wheels.

ℹ Vehicles with KEYLESS-GO:
If a door handle is hit by a strong jet of water, and a SmartKey is within approximately 3 ft (1 m) of the vehicle, it could be inadvertently locked or unlocked.

Hand-wash

- Do not use hot water or wash your vehicle in direct sunlight.
- Only use a soft, wet cloth or sponge to clean the vehicle.
- Only use a mild vehicle wash detergent, such as Mercedes-Benz approved Car Shampoo.
- Thoroughly spray the vehicle with a diffused jet of water.
- Do not spray directly towards the ventilation intake.
- Use plenty of water and rinse the sponge and chamois frequently.
- Rinse with clean water and thoroughly dry with a chamois.

  Do not allow cleaning agents to dry on the finish.

Automatic car wash

You can have your vehicle washed in an automatic car wash from the start. Brushless car washes are preferable.

- To protect the filter system, activate the air recirculation mode using rocker switch on the climate control panel.

! Do not clean your vehicle in an automatic touchless car wash which uses caustic spray. Caustic spray will damage the paint or ornamental moldings.

If the vehicle is very dirty, prewash it before running it through the automatic car wash.

! Make sure the combination switch is set to wiper setting **0**. Otherwise, the rain sensor could activate and cause the wipers to move unintentionally. This may lead to vehicle damage.

Due to the width of the vehicle, fold in exterior rear view mirrors prior to running the vehicle through an automatic car wash to prevent damage to the mirrors.

- **When taking the vehicle through an automatic conveyor-type car wash:** Make sure the automatic transmission remains in neutral position **N**. Observe instructions, see “Remaining in neutral position **N**” (▷ page 347).

When leaving the automatic car wash, make sure the mirrors are folded out.

After running the vehicle through an automatic car wash, wipe any wax off of the windshield and the wiper blade inserts. This will prevent smears and reduce wiping noise which can be caused by residual wax on the windshield.

Ornamental moldings

- For regular cleaning and care of ornamental moldings, use a damp cloth.

! Do not use chrome cleaner on ornamental moldings. Although ornamental moldings may have chrome appearance, they could be made of anodized aluminum that will be damaged when cleaned with chrome cleaner. Instead, use a damp cloth to clean those ornamental moldings.

For very dirty ornamental moldings of which you are sure are chrome-plated, use a chrome cleaner. If in doubt whether an ornamental molding is chrome-plated, contact an authorized Mercedes-Benz Center.

Headlamps, brake lamps, tail lamps, side markers, turn signal lenses

- Use a mild vehicle wash detergent, such as Mercedes-Benz approved Car Shampoo, with plenty of water.

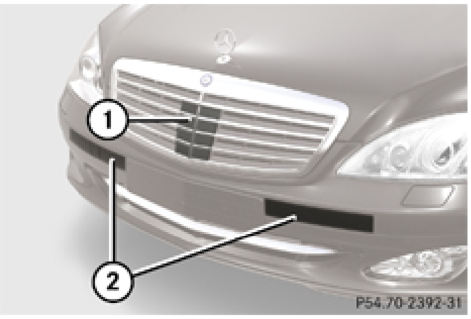
! Only use window cleaning solutions that are suitable for plastic lamp lenses.

▷▷

Window cleaning solutions which are not suitable may damage the plastic lamp lenses of the headlamps. Therefore, do not use abrasives, solvents or cleaners that contain solvents.

Cleaning the DISTRONIC Plus/PRE-SAFE® Brake system sensors

The sensors are integrated in the front bumpers and cannot be seen from the outside.

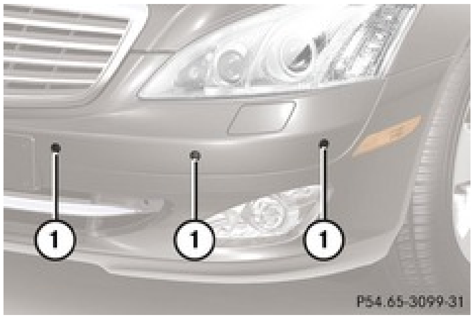


① Sensor cover
② Bumper area near sensors

- ▶ Switch off the ignition.
- ▶ Only clean sensor cover ① by hand.
- ▶ Use a mild vehicle wash detergent, such as Mercedes-Benz approved Car Shampoo, with plenty of water and a non-scratching cloth to clean sensor cover ①.
- ▶ Clean a wide area of the bumpers surrounding the sensors ②.
- ▶ Restart the engine after cleaning sensor cover ① and sensors ②.

Cleaning the Parktronic system sensors

Parktronic system sensors are located in the front and rear bumper.



① Parktronic system sensors in front bumper (Only visible without DISTRONIC Plus)

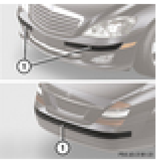
- ▶ Only clean sensors ① by hand.
- ▶ Use a mild vehicle wash detergent, such as Mercedes-Benz approved Car Shampoo, with plenty of water and a soft, non-scratching cloth to clean sensors ① on the bumpers.

! Applying strong pressure may damage the sensor covers.

Cleaning the driving systems sensors

The sensors are integrated in the front and rear bumpers and cannot be seen from the outside. They work with the following systems:

- BAS Plus
- PRE-SAFE® Brake
- Blind Spot Assist
- Park Assist
- Advanced Parking Guidance

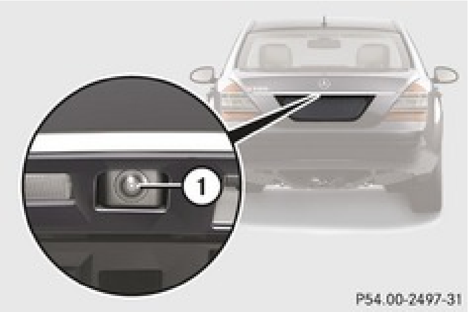


① Bumper area near sensors

- ▶ Switch off the ignition.
- ▶ Use a mild car wash detergent, such as Mercedes-Benz approved Car Shampoo, with plenty of water and a soft, non-

scratching cloth to clean the bumper area near sensors.

Cleaning the rear view camera lens



① Camera lens

▶ Only use clean water and a soft, non-scratching cloth to clean camera lens ①.

Be careful not to apply wax to camera lens ① when waxing the vehicle. If necessary, remove the wax using the Mercedes-Benz approved Car Shampoo with plenty of water.

! Do not clean the camera and the area around the camera

- with a high-pressure cleaner
- with a dry cloth and strong pressure
- with aggressive cleaning agents

You could otherwise damage the camera.

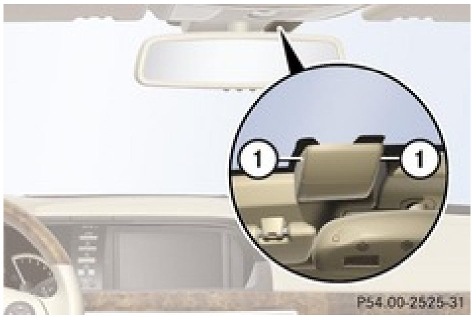
Cleaning the windshield in front of the Night View Assist camera

⚠ **Warning!**

Please do not forget that your primary responsibility is to drive the vehicle. A driver's attention to the road must always be his/her primary focus when driving. For your safety and the safety of others, stop before trying to remove window fogging or cleaning the window in front of the Night View Assist camera.

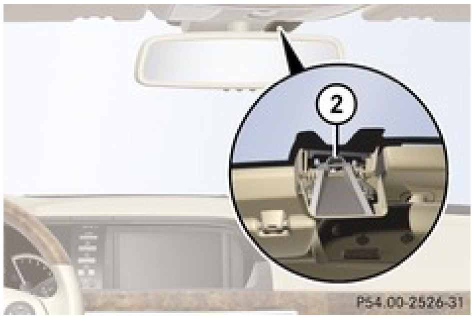
Bear in mind that at a speed of just 30 mph (approximately 50 km/h), your vehicle is covering a distance of 44 feet (approximately 14 m) every second.

! Do not clean the lens of the Night View Assist camera. If the camera lens is dirty, please contact an authorized Mercedes-Benz Center.



① Recessed handles of camera cover

▶ Use recessed handles ① to swing camera cover downward.



② Camera

▶ Clean inside of windshield in front of camera ② with a soft, non-scratching cloth.

! If you use a windshield cleaning product, make sure that none of the cleaning product comes into contact with the lens of the Night View Assist camera.

- ▶ Use recessed handles ① to swing camera cover up.

Cleaning the windows and the wiper blades

! The windshield wipers must be in a vertical position before folding them away from the windshield. They could otherwise damage the hood.

Never open the hood when the wiper arms are folded forward.

- ▶ Make sure the hood is fully closed.
- ▶ Switch on the ignition.
- ▶ Turn combination switch to wiper setting ▬ (▷ page 332).
- ▶ With wiper arms in vertical position, switch off the ignition.

⚠ Warning!

For safety reasons, switch off wipers and remove SmartKey from starter switch (vehicles with KEYLESS-GO: Make sure the vehicle's on-board electronics have status **0**) before cleaning the windshield and/or the wiper blades. Otherwise, the wiper motor could suddenly turn on and cause injury.

! Do not pull on the wiper blade inserts. They could tear.

- ▶ Fold the wiper arms forward until they snap into place.
- ▶ Clean the windshield and the wiper blade inserts with a clean cloth and mild detergent solution.
- ▶ Use a soft, clean cloth and a mild window cleaning solution on all outside and inside glass surfaces.

  An automotive glass cleaner is recommended.

! Fold the windshield wiper arms back onto the windshield before turning the SmartKey in the starter switch or pressing the KEYLESS-GO start/stop button (vehicles with KEYLESS-GO).

Hold on to the wiper when folding the wiper arm back. If released, the force of the impact from the tensioning spring could crack the windshield.

! To clean the window interior, do not use a dry cloth, abrasives, solvents or cleaners containing solvents. Do not touch the inside of the front, rear or side windows with hard objects such as an ice scraper or ring. Doing so may damage the windows.

Cleaning the panorama roof with power tilt/sliding panel

The rear part of the tilt/sliding panel has a protective layer on the inside.

- ▶ Use a soft, clean cloth and a mild window cleaning solution.

  An automotive glass cleaner is recommended.

! Do not use a dry cloth, abrasives, solvents or cleaners containing solvents. Do not touch the protective layer with hard objects such as an ice scraper or ring. Never apply strong force and only use a soft, non-scratching cloth when cleaning the rear part of the tilt/sliding panel.

Otherwise you may scratch or damage the protective layer.

Light alloy wheels

If possible, clean wheels once a week.

- ▶ Use Mercedes-Benz approved Wheel Care, a soft bristle brush and a strong spray of water for cleaning the light alloy wheels.

! Only use acid-free cleaning materials. Acid may cause corrosion or damage the clear coat.

! The vehicle should not be parked for an extended period of time immediately after it has been cleaned, especially not after the wheel rims have been cleaned with wheel rim cleaner. Wheel rim cleaners can lead to increased corrosion of the brake disks and brake pads. Non-approved wheel cleaners may also damage the wheel paint if the vehicle is not driven after cleaning.

Therefore, the vehicle's brake system should always be warmed-up before it is parked after cleaning. Drive your vehicle for several minutes to allow the brakes to dry. When applying Mercedes-Benz approved Tire Care and Mercedes-Benz approved Wheel Care products, take care not to spray them on the brake disks.

Plastic and rubber parts

- ▶ Use a gentle dishwashing detergent or mild detergent for delicate fabrics as a washing solution.
- ▶ Wipe with a cloth moistened in a lukewarm solution.
  The surface may temporarily change color. If this is the case, wait for it to dry.

⚠ Warning!

Do not use cleaners or cockpit care sprays containing solvents to clean the cockpit or the steering wheel. Cleaners containing solvents will make the surface porous and vehicle occupants could suffer serious injuries from plastic parts coming loose in the event of air bag deployment.

! Do not use oil, wax or scouring agents.

Otherwise you may scratch or damage the surface.

Hard plastic trim items

- ▶ Use Mercedes-Benz approved Interior Care on a soft, lint-free cloth and apply with light pressure.

COMAND display

! You must switch off the COMAND display and allow it to cool prior to cleaning.

! Do not use any liquids or cleaning agents. These can damage or even destroy the audio display screen.

- ▶ Use a standard microfiber cloth and apply with light pressure.

Steering wheel

- ▶ Wipe with a damp cloth and dry thoroughly or clean with Mercedes-Benz approved Leather Care.

Carpets

- ▶ Use Mercedes-Benz approved Carpet and Fabric Care for cleaning the carpets.

Headliner and shelf below rear window

- ▶ Use a soft bristle brush or a dry-shampoo cleaner in case of excessive dirt.

Vehicle care

Seat belts

- ▶ Only use clear, lukewarm water and soap.

! The seat belts must not be treated with chemical cleaning agents. Do not dry the seat belts at temperatures above 176°F (80°C) or in direct sunlight.

⚠ Warning!
Do not bleach or dye seat belts as this may severely weaken them. In a crash they may not be able to provide adequate protection.

Upholstery

Using aftermarket seat covers or wearing clothing that have the tendency to give off coloring (e.g. when wet, etc.) may cause the upholstery to become permanently discolored. By lining the seats with a proper intermediate cover, contact-discoloration will be prevented.

⚠ Warning!
Only use seat or head restraint covers which have been tested and approved by Mercedes-Benz for your vehicle model.

Using other seat or head restraint covers may interfere with or prevent

- deployment of the front side impact air bags
- deployment of the rear side impact air bags
- activation of the active head restraints

Contact an authorized Mercedes-Benz Center for availability.

Leather upholstery

Please note that leather upholstery is a natural product and is therefore subject to a natural aging process. Leather upholstery may also react to certain ambient influences such as high humidity or high temperature by showing wrinkles for example.

- ▶ Wipe leather upholstery with a damp cloth and dry thoroughly or clean with Mercedes-Benz approved Leather Care.

! To avoid damage to leather upholstery:

- Wipe with light pressure only.
- Do not clean with abrasive cleaning agents such as scouring milk or powder.
- Do not soak the leather upholstery.

  As leather is a natural product, it could otherwise harden or become porous.
- Exercise particular care when cleaning perforated leather as its underside should not become wet.

Wood trims

- ▶ Only use water and a damp cloth to clean wood trims in your vehicle.

! Do not use solvents like tar remover or wheel cleaner nor polishes or waxes as these may be abrasive.

Chrome-plated exhaust tip

Regular cleaning and care of chrome-plated exhaust tips will help to maintain their shine and the classy appearance.

- ▶ Use Mercedes-Benz approved Chrome Polishing Paste each time the vehicle has been washed, especially during the winter.

! Do not use alkaline cleaners such as wheel cleaners as they could cause corrosion.

Practical hints

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Towing the vehicle 580
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Where will I find ...?

Vehicle equipment

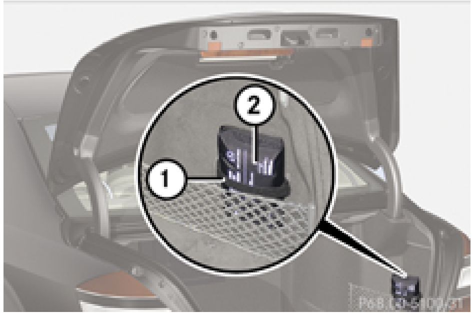
ℹ This Operator's Manual describes all features, standard or optional, potentially available for your vehicle at the time of purchase. Please be aware that your vehicle might not be equipped with all features described in this manual.

Where will I find ...?

First aid kit

ℹ Check expiration dates and contents for completeness at least once a year and replace missing/expired items.

The first aid kit is located in the trunk on the right side storage pocket, secured by a tensioning strap.



① Tensioning strap
② First aid kit

- ▶ Loosen tensioning strap ①.
  First aid kit ② can be removed.

Vehicle tool kit

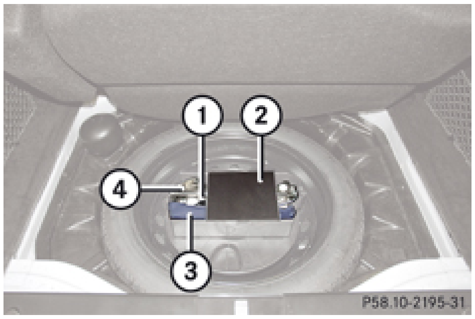
The vehicle tool kit is located in the space underneath the trunk floor.

The vehicle tool kit includes:

- Alignment bolt
- Collapsible wheel chock
- Fuse chart
- Jack
- Pair of gloves
- Towing eye bolt
- Wheel wrench

- ▶ **Removing:** Open the trunk (▷ page 302).
- ▶ Lift the trunk floor using the floor handle.
- ▶ Engage the floor handle on the upper trunk lip.

! To prevent damage, always disengage the floor handle from the upper trunk lip and lower the trunk floor before closing the trunk.



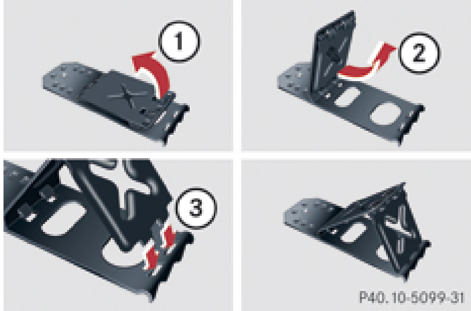
① Collapsible wheel chock
② Vehicle tool kit box cover
③ Tool bag
④ Jack

- ▶ Open vehicle tool kit box cover ②.

Collapsible wheel chock

The collapsible wheel chock serves to secure the vehicle, e.g. while changing a wheel.

- ▶ Take the collapsible wheel chock from the vehicle tool kit (▷ page 492).



① Tilt the plates upward
② Fold the lower plate outward
③ Insert the plate

- ▶ **Setting up:** Tilt both plates upward ①.
- ▶ Fold the lower plate outward ②.
- ▶ Guide the tabs of the lower plate all the way into the openings of base plate ③.

For information on where to place wheel chocks when changing a wheel, see “Lifting the vehicle” (▷ page 572).

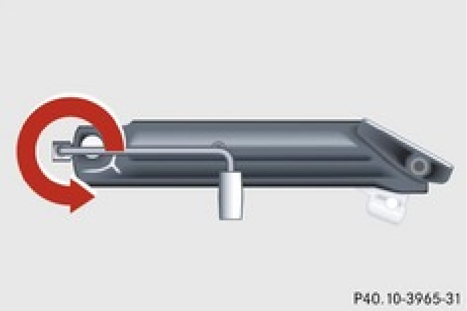
Jack

⚠ Warning!

Only use the jack supplied with your vehicle to lift the vehicle briefly for wheel changes. If you use the jack for any other purpose, you or others could be injured, as the jack is designed only for the purpose of changing a wheel.

When using the jack, observe the safety notes in the “Mounting the spare wheel” section and the notes on the jack.

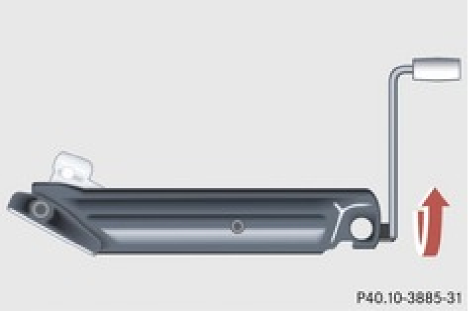
- ▶ Take the jack from the vehicle tool kit (▷ page 492).



Storage position

- ▶ Turn the crank handle in the direction of arrow as far as it will go.

Where will I find ...?



Operational position

- ▶ Turn the crank handle clockwise.

Before placing the jack back into the vehicle tool kit:

- ▶ Fully collapse the jack.
- ▶ Fold in the crank handle (storage position).

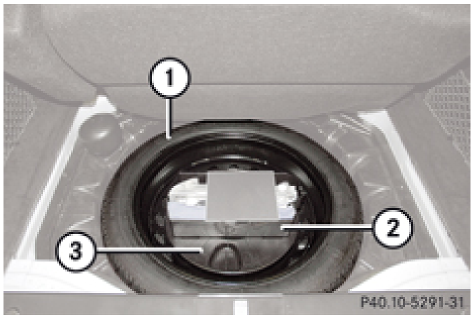
Spare wheel

⚠ **Observe Safety notes, see page 571.**

The spare wheel is located in the space underneath the trunk floor.

- ▶ **Removing:** Open the trunk (▷ page 302).
- ▶ Lift the trunk floor using the floor handle.
- ▶ Engage the floor handle on the upper trunk lip.

! To prevent damage, always disengage the floor handle from the upper trunk lip and lower the trunk floor before closing the trunk.



① Spare wheel
② Vehicle tool kit box
③ Spare wheel mounting

- ▶ Remove spare wheel mounting ③ by turning it counterclockwise.

ℹ Vehicle tool kit box ② can only be removed together with spare wheel mounting ③.
After removing spare wheel mounting ③, you can disengage vehicle tool kit box ② from spare wheel mounting ③.

- ▶ Remove spare wheel ①.

The spare wheel bolts are located in a container on the spare wheel rim.

- ▶ Take off the spare wheel bolts.

For information on mounting the spare wheel, see “Flat tire” (▷ page 571).

Storing the spare wheel after use

- ▶ Place spare wheel ① into the spare wheel well (▷ page 494).
- ▶ Secure spare wheel ① by turning spare wheel mounting ③ clockwise (▷ page 494).

Vehicle status messages in the multifunction display

Notes

Warning and malfunction messages appear in the multifunction display located in the instrument cluster.

Certain warning and malfunction messages are accompanied by an audible signal.

Address these messages accordingly and follow the additional instructions given in this Operator’s Manual.

High-priority messages are shown in red in the multifunction display. Messages of lower priority are also shown in yellow or white.

Certain messages of high priority cannot be cleared from the multifunction display using OK or ↩ on the multifunction steering wheel (▷ page 237).

Other messages of high priority and messages of less immediate priority can be cleared from the multifunction display using OK or ↩. They are then stored in the Vehicle status message memory (▷ page 251). Remember that clearing a message will only make the message disappear. Clearing a message will not correct the condition that caused the message to appear.

⚠ Warning!

All categories of messages contain important information which should be taken note of and, where a malfunction is indicated, addressed as soon as possible at an authorized Mercedes-Benz Center.

Failure to repair the condition noted may cause damage not covered by the Mercedes-Benz Limited Warranty, or result in property damage or personal injury.

⚠ Warning!

No messages will be displayed if either the instrument cluster or the multifunction display is inoperative.

As a result, you will not be able to see information about your driving conditions, such as speed or outside temperature, warning/indicator lamps, malfunction/warning messages or the failure of any systems. Driving characteristics may be impaired.

If you must continue to drive, please do so with added caution. Contact an authorized Mercedes-Benz Center as soon as possible.

On the pages that follow, you will find a compilation of the most important warning and malfunction messages that may appear in the multifunction display.

For your convenience the messages are divided into text messages (▷ page 496) and symbol messages (▷ page 512).

Vehicle status messages in the multifunction display

Text messages

Safety systems

Display messages		Possible cause/consequence	Possible solution
PRE-SAFE	Inoperative See Oper. Manual	The PRE-SAFE® system itself has failed. All other occupant safety systems, such as the air bags, are still available.	▶ Contact an authorized Mercedes-Benz Center as soon as possible.
PRE-SAFE	Function Currently Limited See Oper. Manual	The PRE-SAFE® Brake is switched off and is temporarily unavailable. The PRE-SAFE® Brake is deactivated if: • the DISTRONIC Plus cover in the radiator grille is dirty • the area around the sensors in the front or the rear bumper is dirty • its function is impaired as a result of heavy precipitation • the radar sensor system is temporarily inoperative due to electromagnetic interference near television and radio transmitter stations, toll stations, speed measuring systems, etc. • the system is out of the operating temperature range • the battery voltage is insufficient	The PRE-SAFE® Brake becomes operational again and the message in the multifunction display disappears when: • dirt on the radiator grille has fallen off while driving (e.g. slush or snow) • the system recognizes full sensor availability (due to lessening rain or the road surface drying) • the system is within the operating temperature range If the message in the multifunction display does not disappear: ▶ Clean the DISTRONIC Plus cover in the radiator grille (▷ page 486). ▶ Clean the front and the rear bumper (▷ page 486). ▶ Restart the vehicle. ▶ Wait until the battery recovers.

Vehicle status messages in the multifunction display

Display messages		Possible cause/consequence	Possible solution
PRE-SAFE	Function Limited See Oper. Manual	The PRE-SAFE® Brake is unavailable due to a malfunction. The BAS Plus may also be unavailable.	▶ Contact an authorized Mercedes-Benz Center as soon as possible.

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Vehicle status messages in the multifunction display

Display messages	Possible cause/consequence	Possible solution
Front Passenger Airbag Enabled See Oper. Manual	The front passenger front air bag is activated while driving even though a child, small individual, or object below the system's weight threshold is on the front passenger seat, or the front passenger seat is empty. Objects on the seat or forces acting on the seat may make the system sense supplemental weight.	▶ Stop the vehicle in a safe location as soon as possible. ▶ Engage the electronic parking brake. ▶ Switch off the ignition. ▶ Open the front passenger door. ▶ Remove child and child restraint from front passenger seat and properly secure the child in rear seat employing the child restraint if necessary. ▶ Remove any other items from on and around the front passenger seat and make sure the storage bag on the back of the front passenger seat is empty. ▶ Make sure no objects which apply forces to the seat are present (e.g. objects such as books, briefcases etc. lodged behind or around the seat, head restraints pushing against roof etc.). The system may recognize such forces as supplemental weight and sense that an occupant on the front passenger seat is of a greater weight than actually present. ▶ Keep the seat unoccupied, close the front passenger door and switch on the ignition. Monitor the PASS AIR BAG OFF indicator lamp right of the instrument cluster (▷ page 53) and the

Display messages	Possible cause/consequence	Possible solution
		multifunction display in the instrument cluster (▷ page 30) for the following: With the seat unoccupied and the ignition switched on, • the PASS AIR BAG OFF indicator lamp right of the instrument cluster should illuminate and remain illuminated, indicating that the OCS (▷ page 50) has deactivated the front passenger front air bag. • the message `Front Passenger Airbag Enabled See Oper. Manual` or the message `Front Passenger Airbag Disabled See Oper. Manual` should not appear in the multifunction display at any time the seat is unoccupied. Wait at least 60 seconds for the system to complete the necessary check cycles and to make sure neither message appears in the multifunction display. If above conditions are met, you can occupy the front passenger seat again. Depending on the front passenger classification sensed by the OCS, the PASS AIR BAG OFF indicator lamp will remain illuminated or go out. If above conditions are not met, the system is not working properly. Have the system checked as

▷▷

Vehicle status messages in the multifunction display

Display messages	Possible cause/consequence	Possible solution
		soon as possible at an authorized Mercedes-Benz Center.

⚠ **Warning!**

If the PASS AIR BAG OFF indicator lamp remains out even after performing the above corrective steps, do not have any children 12 years old and under and other small individuals use the front passenger seat until the system has been repaired.

Display messages	Possible cause/consequence	Possible solution
`Front Passenger Airbag Disabled See Oper. Manual`	The front passenger front air bag is deactivated while driving even though an adult or someone larger than a small individual is occupying the front passenger seat. Forces acting on the seat may make the system sense a decrease in weight.	▶ Stop the vehicle in a safe location as soon as possible. ▶ Engage the electronic parking brake. ▶ Switch off the ignition. ▶ Have the front passenger vacate the seat and exit the vehicle. ▶ Adjust the seat height to a higher position (▷ page 310). ▶ Make sure no objects which apply forces to the seat are present (e.g. objects such as books, briefcases etc. lodged underneath, behind or around the seat). Such forces may cause the system to sense that an occupant of a lesser weight than actually present is on the front passenger seat. ▶ Keep the seat unoccupied, close the front passenger door and switch on the ignition. Monitor the PASS AIR BAG OFF indicator lamp right of the instrument cluster (▷ page 53) and the multifunction display in the instrument (▷ page 30) cluster for the following: With the seat unoccupied and the ignition switched on, • the PASS AIR BAG OFF indicator lamp right of the instrument cluster should illuminate and remain illuminated, indicating that the OCS

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Display messages	Possible cause/consequence	Possible solution
		(▷ page 50) has deactivated the front passenger front air bag. • the message `Front Passenger Airbag Enabled See Oper. Manual` or the message `Front Passenger Airbag Disabled See Oper. Manual` should not appear in the multifunction display at any time the seat is unoccupied. Wait at least 60 seconds for the system to complete the necessary check cycles and to make sure neither message appears in the multifunction display. If above conditions are met, you can occupy the front passenger seat again. Depending on the front passenger classification sensed by the OCS, the PASS AIR BAG OFF indicator lamp will remain illuminated or go out. If above conditions are not met, the system is not working properly. Have the system checked as soon as possible at an authorized Mercedes-Benz Center.

⚠ Warning!

If the PASS AIR BAG OFF indicator lamp remains illuminated with an adult occupant on the front passenger seat even after performing the above corrective steps, do not have any passenger use the front passenger seat until the system has been repaired.

Driving systems

Display messages	Possible cause/consequence	Possible solution
`Cruise Control - - - mph`	One of the activation conditions for the cruise control has not been fulfilled. For example, you have attempted to set a speed below 20 mph (30 km/h).	▶ Drive faster than 20 mph (30 km/h), if the situation allows, and set the speed. ▶ Check the activation conditions for the cruise control (▷ page 357).
`Cruise Control Inoperative`	The cruise control is malfunctioning.	▶ Have the cruise control checked at an authorized Mercedes-Benz Center.

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Vehicle status messages in the multifunction display

Display messages	Possible cause/consequence	Possible solution
`DISTRONIC PLUS Currently Unavailable See Oper. Manual`	The DISTRONIC Plus is switched off and is temporarily unavailable. The DISTRONIC Plus is deactivated if: • the DISTRONIC Plus cover in the radiator grille is dirty • its function is impaired as a result of heavy precipitation • the radar sensor system is temporarily inoperative due to electromagnetic interference near television and radio transmitter stations, toll stations, speed measuring systems, etc. • the radar sensors do not sense any other vehicles or objects, i.e. road sign or similar to this, for a long time • the system is out of the operating temperature range • the battery voltage is insufficient	▶ If necessary, clean the DISTRONIC Plus cover in the radiator grille (▷ page 486). ▶ Restart the vehicle. ▶ Try activating the DISTRONIC Plus again later. ▶ Wait until the system is within the operating temperature range or the battery recovers. The DISTRONIC Plus becomes operational again without the engine being restarted when: • dirt on the radiator grille has fallen off while driving (e.g. slush or snow) • the system recognizes full sensor availability (due to lessening rain or the road surface drying) • the message in the multifunction display disappears
`DISTRONIC PLUS Inoperative`	The DISTRONIC Plus is malfunctioning. The BAS Plus and the PRE-SAFE® Brake are also not available.	▶ Contact an authorized Mercedes-Benz Center as soon as possible.
`DISTRONIC PLUS Override`	You have accelerated. The DISTRONIC Plus has switched off.	▶ Stop accelerating.

Display messages	Possible cause/consequence	Possible solution
`DISTRONIC PLUS - - - mph`	One of the activation conditions for the DISTRONIC Plus has not been fulfilled. For example, you have attempted to set a speed below 20 mph (30 km/h).	▶ Drive faster than 20 mph (30 km/h), if the situation allows, and set the speed. ▶ Check the activation conditions for the DISTRONIC Plus (▷ page 365).
`Park Assist Currently Unavailable See Oper. Manual`	The Park Assist is deactivated because the area around the sensors in the front or the rear bumper is dirty.	▶ Clean the front and rear bumper (▷ page 486).
	The Park Assist is deactivated because the battery voltage is insufficient.	▶ Have the battery checked at an authorized Mercedes-Benz Center.
	The Park Assist is switched off because the radar sensor system is temporarily inoperative due to electromagnetic interference near television and radio transmitter stations, toll stations, speed measuring systems, etc.	▶ Wait until the message in the multifunction display disappears.
`Park Assist Inoperative`	The Park Assist is unavailable due to a malfunction.	▶ Contact an authorized Mercedes-Benz Center as soon as possible.

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Vehicle status messages in the multifunction display

Display messages		Possible cause/consequence	Possible solution
`Blind Spot Assist`	`Currently Unavailable See Oper. Manual`	The Blind Spot Assist is deactivated because the area around the sensors in the front or the rear bumper is dirty.	▶ Clean the front and rear bumper (▷ page 486).
		The Blind Spot Assist is deactivated because the battery voltage is insufficient.	▶ Have the battery checked at an authorized Mercedes-Benz Center.
		The Blind Spot Assist is switched off because the radar sensor system is temporarily inoperative due to electromagnetic interference near television and radio transmitter stations, toll stations, speed measuring systems, etc.	▶ Wait until the message in the multifunction display disappears.
`Blind Spot Assist`	`Inoperative`	The Blind Spot Assist is unavailable due to a malfunction.	▶ Contact an authorized Mercedes-Benz Center as soon as possible.

Display messages	Possible cause/consequence	Possible solution
Parking Guidance Currently Unavailable See Oper. Manual	The Advanced Parking Guidance is deactivated because the area around the sensors in the front or the rear bumper is dirty.	▶ Clean the front and rear bumper (▷ page 486).
	The Advanced Parking Guidance is deactivated because the battery voltage is insufficient.	▶ Have the battery checked at an authorized Mercedes-Benz Center.
	The Advanced Parking Guidance is switched off because the radar sensor system is temporarily inoperative due to electromagnetic interference near television and radio transmitter stations, toll stations, speed measuring systems, etc.	▶ Wait to see if the interference is temporary or do not use Advanced Parking Guidance. Try in a location where the interfering transmission might not be present.
Parking Guidance Canceled	The Advanced Parking Guidance has been canceled because: • the vehicle is sliding • the bumper became dirty in the area of the sensors • there has been a malfunction	▶ Use the Advanced Parking Guidance again later. If the parking space symbol is not shown in the multifunction display at a speed below 10 mph (16 km/h): ▶ Clean the bumpers (▷ page 486). or ▶ Restart the engine. or ▶ Contact an authorized Mercedes-Benz Center.

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Vehicle status messages in the multifunction display

Display messages		Possible cause/consequence	Possible solution
Parking Guidance	Finished	Advanced Parking Guidance: The vehicle is in the end position.	The display message disappears automatically.
Radar Sensors	Deactivated See Oper. Manual	You have attempted to activate the DISTRONIC Plus, the Park Assist or the PRE-SAFE® Brake even though you have switched off the radar sensors on the vehicle.	▶ Check if the radar sensors may be switched on (▷ page 253). ▶ Switch on the radar sensors using the instrument cluster control system.

Vehicle

Display messages		Possible cause/consequence	Possible solution
Apply Brake	to Shift from 'P'	You have attempted to shift the automatic transmission into drive position **D**, reverse gear **R** or neutral position **N** without depressing the brake pedal.	▶ Depress the brake pedal.
Door Open	Vehicle Not in Park	You have opened the driver's door and the automatic transmission is still in drive position **D**, reverse gear **R** or neutral position **N**.	▶ Before you leave the vehicle, make sure the automatic transmission is in park position **P** and the electronic parking brake is engaged.
Only Shift to Position 'P' When Vehicle Is Stationary		You have attempted to shift the automatic transmission into park position **P** although the vehicle was still in motion.	▶ Stop your vehicle as soon as it is safe to do so. ▶ Shift the automatic transmission to park position **P**. ▶ Engage the electronic parking brake.

Display messages	Possible cause/consequence	Possible solution
Shift to P or N to Start Engine	You have attempted to start the engine while the automatic transmission was in reverse gear **R** or drive position **D**.	▶ Shift the automatic transmission into park position **P** or neutral position **N**.
Auxiliary Battery Malfunction	The backup battery for the automatic transmission is no longer charging.	▶ Contact an authorized Mercedes-Benz Center.
Auxiliary Battery Malfunction	The backup battery for the automatic transmission is discharged. In case of failure of the on-board electrical system, you may not be able change transmission positions.	▶ Stop the vehicle in a safe location or as soon as it is safe to do so. ▶ Engage the electronic parking brake. ▶ Do **not** drive any further. ▶ Contact an authorized Mercedes-Benz Center or call Roadside Assistance.
Service Required Do Not Shift Gears	The automatic transmission cannot be shifted out of the set position because of a malfunction.	If the automatic transmission is in drive position **D**: ▶ Without shifting the automatic transmission out of drive position **D**, drive to an authorized Mercedes-Benz Center. If the automatic transmission is set to position neutral position **N**, reverse gear **R** or park position **P**: ▶ Do not drive. ▶ Contact an authorized Mercedes-Benz Center.
Next Service X in ... days in ... mls (km)	The specified maintenance service must be carried out within the remaining time range or driving distance (▷ page 481).	▶ Have the maintenance service carried out at an authorized Mercedes-Benz Center.

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Vehicle status messages in the multifunction display

Display messages		Possible cause/consequence	Possible solution
`Service X`	`Due`	The specified maintenance service must be carried out (▷ page 481).	▶ Have the maintenance service carried out at an authorized Mercedes-Benz Center as soon as possible.
`Service X` `Exceeded`	`by X days` `by XXX mls (km)`	The specified maintenance service term has been exceeded (▷ page 482).	▶ Have the maintenance service carried out at an authorized Mercedes-Benz Center as soon as possible.

! Failure to have the vehicle maintained in accordance with the Maintenance Booklet and maintenance service indicator at the designated times/mileage will result in vehicle damage not covered by the Mercedes-Benz Limited Warranty.

Tires

Display messages		Possible cause/consequence	Possible solution
`Tire Pressures`	`Displayed After Driving A Few Minutes`	The tire inflation pressure is being checked.	▶ Drive the vehicle for a few minutes.
`Tire Pressure Monitor`	`Inoperative`	The Advanced TPMS or a wheel sensor is malfunctioning.	▶ Have the Advanced TPMS checked at an authorized Mercedes-Benz Center.
`Tire Pressure Monitor`	`Inoperative No Wheel Sensors`	The Advanced TPMS is deactivated because wheels without proper sensors were installed.	▶ Have the appropriate wheel sensors installed at an authorized Mercedes-Benz Center. As soon as all wheels with sensors have been mounted, the Advanced TPMS is switched back on after driving for several minutes.

Display messages		Possible cause/consequence	Possible solution
Tire Pressure Monitor	Currently Unavailable	The Advanced TPMS is unable to monitor the tire inflation pressure due to: • a nearby radio interference source • the on-board voltage is too low • excessive wheel sensor temperatures	As soon as the causes of the malfunction have been removed, the Advanced TPMS becomes active again automatically after a few minutes driving.

⚠ **Warning!**

Do not drive with a flat tire. A flat tire affects the ability to steer or brake the vehicle. You may lose control of the vehicle. Continued driving with a flat tire will cause excessive heat build-up and possibly a fire.

⚠ **Warning!**

Follow recommended tire inflation pressures.

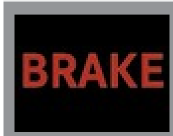
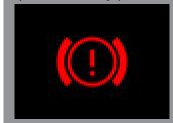
Do not underinflate tires. Underinflated tires wear excessively and/or unevenly, adversely affect handling and fuel economy, and are more likely to fail from being overheated.

Do not overinflate tires. Overinflated tires can adversely affect handling and ride comfort, wear unevenly, increase stopping distance, and result in sudden deflation (blowout) because they are more likely to become punctured or damaged by road debris, potholes etc.

Vehicle status messages in the multifunction display

Symbol messages

Brake

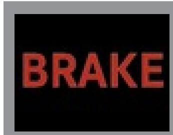
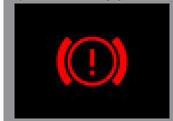
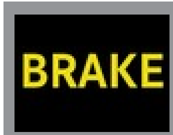
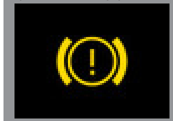
Display messages		Possible cause/consequence	Possible solution
 (USA only)  (Canada only)	`Check Brake Fluid Level`	There is insufficient brake fluid in the reservoir.	Risk of accident! ▶ Stop the vehicle in a safe location or as soon as it is safe to do so. ▶ Engage the electronic parking brake. ▶ Do **not** drive any further. ▶ Contact an authorized Mercedes-Benz Center or call Roadside Assistance. Do not add brake fluid! This will not solve the problem.

⚠ **Warning!**

Driving with the message `Check Brake Fluid Level` displayed can result in an accident. Have your brake system checked immediately.

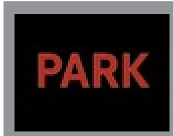
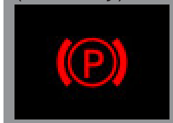
Do not add brake fluid before checking the brake system. Overfilling the brake fluid reservoir can result in spilling brake fluid on hot engine parts and the brake fluid catching fire. You can be seriously burned.

! If you find that the brake fluid in the brake fluid reservoir has fallen to the minimum mark or below, have the brake system checked for brake pad thickness and leaks.

Display messages	Possible cause/consequence	Possible solution
 (USA only)  (Canada only) Brake Immediately	A malfunction has occurred while DISTRONIC Plus was switched on.	▶ While observing surrounding traffic conditions and when it is safe, immediately depress the brake pedal firmly until the warning message disappears. ▶ Secure vehicle from rolling away before getting out of it (▷ page 343).
 (USA only)  (Canada only) EBR, ABS, and ESP Inoperative See Oper. Manual	The brake system is still functioning normally but due to a malfunction, the ABS, the BAS, the BAS Plus, the EBP, the ESP®, the PRE-SAFE® and the PRE-SAFE® Brake are unavailable.	▶ Continue driving with added caution. Wheels may lock during hard braking, reducing steering capability. ▶ Adjust driving to be consistent with reduced braking responsiveness. ▶ Have the system checked at an authorized Mercedes-Benz Center as soon as possible. Failure to follow these instructions increases the risk of an accident.

Vehicle status messages in the multifunction display

Display messages	Possible cause/consequence	Possible solution
BRAKE (USA only) ((!)) (Canada only) Service See Oper. Manual	S 600 and S 65 AMG only: The brake system sensors are malfunctioning. The brake system continues to function normally with full brake force boost.	▶ Continue driving with added caution. ▶ Have the system checked at an authorized Mercedes-Benz Center as soon as possible.

Display messages		Possible cause/consequence	Possible solution
 (USA only)  (Canada only)	Parking Brake See Oper. Manual	In addition, the red indicator lamp for the electronic parking brake is either on or off and the yellow warning lamp for the electronic parking brake comes on. The electronic parking brake is malfunctioning.	To release: ▶ Pull handle of electronic parking brake. or ▶ Drive off carefully. ▶ Contact an authorized Mercedes-Benz Center as soon as possible. To engage: ▶ Switch off ignition and press handle for electronic parking brake for at least 10 seconds, until the warning message in the multifunction display disappears. If the warning message does not disappear: ▶ Shift the automatic transmission to park position **P** (▷ page 346). ▶ Protect vehicle from rolling away while parked by using a chock from the vehicle tool kit (▷ page 493). ▶ Contact an authorized Mercedes-Benz Center as soon as possible.

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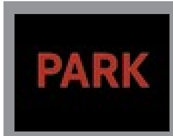
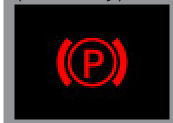
Vehicle status messages in the multifunction display

Display messages	Possible cause/consequence	Possible solution
PARK (USA only) (P) (Canada only) Parking Brake See Oper. Manual	In addition, the red indicator lamp for the electronic parking brake flashes. The power supply for the electronic parking brake was malfunctioning or the electronic parking brake was previously mechanically released.	▶ Pull handle of electronic parking brake. or ▶ Drive off carefully. or ▶ Press handle for electronic parking brake until the warning message in the multifunction display disappears.
PARK (USA only) (P) (Canada only) Parking Brake See Oper. Manual	In addition, the red indicator lamp for the electronic parking brake flashes and the yellow warning lamp for the electronic parking brake comes on. The electronic parking brake is malfunctioning.	▶ Switch ignition off and back on again, and engage or release electronic parking brake. or ▶ Drive off carefully. ▶ Contact an authorized Mercedes-Benz Center as soon as possible.

Display messages	Possible cause/consequence	Possible solution
 `Parking Brake See Oper. Manual` (USA only)  (Canada only)	When you engage or release the electronic parking brake, the red indicator lamp for the electronic parking brake flashes for approx. 10 seconds. Afterward, it goes out or comes on continuously. The yellow warning lamp for the electronic parking brake comes on. The electronic parking brake is malfunctioning or overheated for example due to overvoltage or undervoltage.	▶ Drive off carefully. ▶ Contact an authorized Mercedes-Benz Center as soon as possible. In the event of overvoltage or undervoltage: ▶ Remove the cause of the overvoltage or undervoltage, e.g. charge the battery or restart the engine. ▶ Switch ignition off and back on again, and engage or release electronic parking brake. If the electronic parking brake still cannot be released: ▶ Contact an authorized Mercedes-Benz Center as soon as possible. If overheated: ▶ Let vehicle cool down, and do not engage electronic parking brake during this time. or ▶ Switch ignition off and back on again, and engage or release electronic parking brake.

▷▷

Display messages	Possible cause/consequence	Possible solution
Parking Brake Inoperative PARK (USA only) (P) (Canada only)	When you engage or release the electronic parking brake, the red indicator lamp for the electronic parking brake flashes and goes out after approx. 10 seconds. The yellow warning lamp for the electronic parking brake comes on. The electronic parking brake is malfunctioning.	▶ Switch ignition off and back on again, and engage or release electronic parking brake. If the electronic parking brake cannot be engaged: ▶ Shift the automatic transmission to park position **P** (▷ page 346). ▶ Protect vehicle from rolling away while parked by using a chock from the vehicle tool kit (▷ page 493). ▶ Contact an authorized Mercedes-Benz Center as soon as possible.
Please Release Parking Brake PARK (USA only) (P) (Canada only)	In addition, the red indicator lamp for the electronic parking brake flashes and an acoustic warning sounds. You are driving with the electronic parking brake engaged, or you are carrying out an emergency brake application with the electronic parking brake (▷ page 343).	▶ Release electronic parking brake. or ▶ Drive off carefully. or ▶ Release the handle for electronic parking brake.

Display messages	Possible cause/consequence	Possible solution
PARK (USA only) (P) (Canada only) `Please Release Parking Brake`	In addition, the red indicator lamp for the electronic parking brake flashes, the yellow warning lamp for the electronic parking brake comes on and an acoustic warning sounds. The electronic parking brake is malfunctioning; braking action is restricted.	While driving: ▶ Release the handle for electronic parking brake. While at a standstill: ▶ Switch off ignition and press handle for electronic parking brake until the warning message disappears from the multifunction display. If the warning message does not disappear: ▶ Shift the automatic transmission to park position **P** (▷ page 346). ▶ Protect vehicle from rolling away while parked by using a chock from the vehicle tool kit (▷ page 493). ▶ Contact an authorized Mercedes-Benz Center as soon as possible.

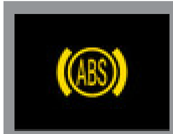
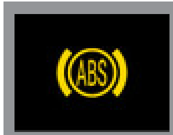
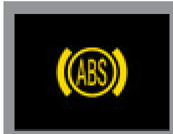
▷▷

Vehicle status messages in the multifunction display

Display messages	Possible cause/consequence	Possible solution
PARK (USA only) (P) (Canada only) Turn On the Ignition to Release the Parking Brake	In addition, the red indicator lamp for the electronic parking brake comes on. You have tried to release the electronic parking brake, but the ignition was not switched on.	▶ Switch on the ignition.
(◯) Check Brake Pad Wear	The brake pads have reached their wear limit.	▶ Have the brake pads replaced as soon as possible.

! Brake pad thickness must be visually inspected by a qualified technician at the intervals specified in the Maintenance Booklet.

Safety systems

Display messages	Possible cause/consequence	Possible solution
 ABS and ESP Inoperative See Oper. Manual	The brake system is still functioning normally but due to a malfunction, the ABS, the BAS, the BAS Plus, the ESP®, the PRE-SAFE® system and the PRE-SAFE® Brake are unavailable.	▶ Continue driving with added caution. Wheels may lock during hard braking, reducing steering capability. ▶ Have the system checked at an authorized Mercedes-Benz Center as soon as possible. Failure to follow these instructions increases the risk of an accident.
 ABS and ESP Currently Unavailable See Oper. Manual	The brake system is still functioning normally but due to a malfunction, the ABS, the BAS, the BAS Plus, the ESP®, the PRE-SAFE® system and the PRE-SAFE® Brake are unavailable. The self-diagnosis may not be completed yet.	▶ Drive a short distance with added caution at a vehicle speed of above 12 mph (20 km/h). When the message disappears, the ABS and the ESP® are available again.
 ABS and ESP Currently Unavailable See Oper. Manual	The brake system still functions normally but due to insufficient power supply, the ABS, the BAS, the BAS Plus, the ESP®, the PRE-SAFE® system and the PRE-SAFE® Brake are not available.	When the voltage is above the required value again, the ABS, the BAS, the BAS Plus, the ESP® and the PRE-SAFE® system are operational again and the message should disappear. If the message does not disappear: ▶ Have the alternator and the battery checked.

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Vehicle status messages in the multifunction display

Display messages	Possible cause/consequence	Possible solution
ESP Inoperative See Oper. Manual	ESP® as well as the PRE-SAFE® system are switched off due to a malfunction. In addition, the yellow ESP® warning lamp ⚠ comes on. The ABS may not be operational and the following systems are not available: • BAS and BAS Plus • PRE-SAFE® Brake • DISTRONIC Plus • Cruise control • Hill start assist system	▶ Continue driving with added caution. ▶ Have the system checked at an authorized Mercedes-Benz Center as soon as possible. Failure to follow these instructions increases the risk of an accident.

Display messages	Possible cause/consequence	Possible solution
ESP Inoperative See Oper. Manual	S 600 and S 65 AMG only: The ESP® as well as the PRE-SAFE® system are switched off due to a malfunction. In addition, the ⚠ and BRAKE (USA only) or (!) (Canada only) warning lamps in the instrument cluster come on. Brake force assistance is impaired and is sustained through an electric substitute function as long as the engine is running. The brake system continues to function normally. You will feel a pulsating effect at the brake pedal while braking. The BAS Plus and the PRE-SAFE® Brake are also not available.	▶ Continue driving with added caution. ▶ Have the system checked at an authorized Mercedes-Benz Center as soon as possible. Failure to follow these instructions increases the risk of an accident.
ESP Currently Unavailable See Oper. Manual	The ESP® and the PRE-SAFE® system are temporarily unavailable. It is possible that the self-diagnostics have not yet completed. In addition, the yellow ESP® warning lamp ⚠ comes on. The brake system still functions normally. The BAS Plus and the PRE-SAFE® Brake are also not available.	Synchronize the ESP®: ▶ Drive a short distance with gentle turns at a speed above 12 mph (20 km/h). The message disappears when ESP® is again available.

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Vehicle status messages in the multifunction display

Display messages		Possible cause/consequence	Possible solution
ESP	Currently Unavailable See Oper. Manual	The ESP® and the PRE-SAFE® system are switched off due to undervoltage. It is possible that the battery is not charged. The brake system still functions normally. The BAS Plus and the PRE-SAFE® Brake are also not available.	▶ Continue driving with added caution. ▶ Have the system checked at an authorized Mercedes-Benz Center as soon as possible. Failure to follow these instructions increases the risk of an accident.
ESP	Currently Unavailable See Oper. Manual	If the yellow ESP® warning lamp ⚠ flashes while driving and this message appears, the Electronic Traction System (ETS/4-ETS) has switched off to prevent overheating of the drive wheel brakes. The BAS Plus and the PRE-SAFE® Brake are also not available.	As soon as the brakes have cooled off, the Electronic Traction System (ETS/4-ETS) switches on again. The message in the multifunction display disappears and the ESP® warning lamp ⚠ goes out.
☎ SOS	Tele Aid Inoperative	One or more main functions of the Tele Aid system are malfunctioning.	▶ Have the Tele Aid system checked at an authorized Mercedes-Benz Center.
	SRS Malfunction Service Required	There is a malfunction in the supplemental restraint systems. The air bags or Emergency Tensioning Devices (ETDs) could deploy unexpectedly or fail to activate in an accident.	▶ Drive with added caution to the nearest authorized Mercedes-Benz Center.

Display messages	Possible cause/consequence	Possible solution
Front Left SRS Malfunction Service Required	Components of the driver's supplemental restraint system may not work properly.	▶ Drive with added caution to the nearest authorized Mercedes-Benz Center.
Front Right SRS Malfunction Service Required	Components of the front passenger's supplemental restraint system may not work properly.	▶ Drive with added caution to the nearest authorized Mercedes-Benz Center.
Rear Left SRS Malfunction Service Required	Components of the left rear passenger's supplemental restraint system may not work properly.	▶ Drive with added caution to the nearest authorized Mercedes-Benz Center.
Rear Center SRS Malfunction Service Required	Components of the center rear passenger's supplemental restraint system may not work properly.	▶ Drive with added caution to the nearest authorized Mercedes-Benz Center.
Rear Right SRS Malfunction Service Required	Components of the right rear passenger's supplemental restraint system may not work properly.	▶ Drive with added caution to the nearest authorized Mercedes-Benz Center.
Left Side Curtain Airbag Malfunction Service Required	The left window curtain air bag may not work properly.	▶ Drive with added caution to the nearest authorized Mercedes-Benz Center.

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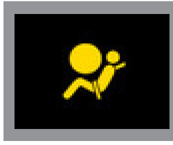
Vehicle status messages in the multifunction display

Display messages	Possible cause/consequence	Possible solution
 Right Side Curtain Airbag Malfunction Service Required	The right window curtain air bag may not work properly.	▶ Drive with added caution to the nearest authorized Mercedes-Benz Center.

⚠ Warning!

In the event a malfunction of the SRS is indicated as outlined above, the SRS may not be operational.

For your safety, we strongly recommend that you contact an authorized Mercedes-Benz Center immediately to have the system checked. Otherwise the SRS may not be activated when needed in an accident, which could result in serious or fatal injury, or it might deploy unexpectedly and unnecessarily which could also result in injury.

Driving systems

Display messages	Possible cause/consequence	Possible solution
ABC Malfunction Stop Vehicle	You have started driving although the vehicle level is still too low. The vehicle is being raised. The ABC message goes out after a few seconds.	▶ Stop your vehicle in a safe location or as soon as it is safe to do so. ▶ Engage the electronic parking brake. ▶ Wait until the message disappears from the multifunction display. You may then drive off.
ABC Malfunction Stop Vehicle	The vehicle is losing oil. The ABC message is continuously shown.	▶ Stop your vehicle in a safe location or as soon as it is safe to do so. ▶ Engage the electronic parking brake. ▶ Call Roadside Assistance. or ▶ Contact an authorized Mercedes-Benz Center.
ABC Malfunction Stop Vehicle	The ABC is malfunctioning. The ABC message is continuously shown.	▶ Avoid large steering maneuvers. The fenders or tires could otherwise be damaged. Listen for scraping noises. ▶ Do not drive faster than 50 mph (80 km/h). ▶ Contact an authorized Mercedes-Benz Center as soon as possible.
ABC Malfunction	The capability of the ABC system is restricted. This can impair handling.	▶ Do not drive faster than 50 mph (80 km/h). ▶ Contact an authorized Mercedes-Benz Center as soon as possible.

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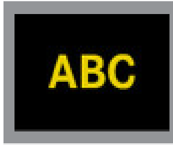
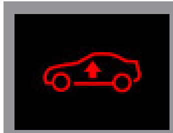
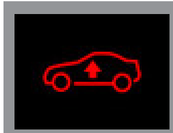
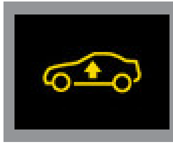
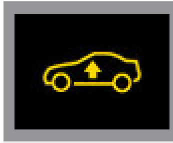
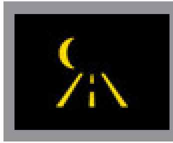
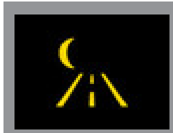
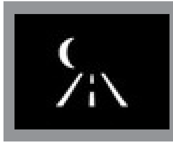
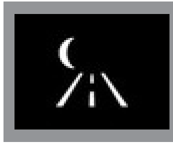
Vehicle status messages in the multifunction display

Display messages	Possible cause/consequence	Possible solution
 Vehicle Rising Please Wait Briefly	The vehicle's level is too low while at a standstill. The vehicle will be raised.	▶ Wait until the message disappears from the multifunction display.
 STOP, Car Too Low	You have started driving although the vehicle level was too low. The vehicle will be raised.	▶ Stop your vehicle as soon as it is safe to do so. ▶ Engage the electronic parking brake. ▶ Wait until the message disappears from the multifunction display. You may then drive off.
 STOP, Car Too Low	The AIRMATIC is malfunctioning.	▶ Stop and press the vehicle level control switch to select a higher vehicle level (▷ page 373). ▶ Avoid large steering maneuvers. The fenders or tires could otherwise be damaged. Listen for scraping noises. ▶ Do not drive faster than 50 mph (80 km/h). ▶ Contact an authorized Mercedes-Benz Center as soon as possible. There is otherwise danger of an accident.
 Malfunction	The capability of the AIRMATIC system is restricted. This can impair the handling.	▶ Do not drive faster than 50 mph (80 km/h). ▶ Contact an authorized Mercedes-Benz Center as soon as possible.

Display messages	Possible cause/consequence	Possible solution
 Vehicle Rising Please Wait Briefly	Vehicles with AIRMATIC: The vehicle level is too low.	▶ Wait until the message disappears from the multifunction display.
 Night View Assist Inoperative	Night View Assist is malfunctioning.	▶ Contact an authorized Mercedes-Benz Center as soon as possible.
 Night View Assist Currently Unavailable	The temperature of the camera is too high (▷ page 390).	▶ Wait until the message Night View Assist Available Again appears. In addition you can: ▶ Swing the camera cover down (▷ page 487). ▶ Adjust the air distribution of the climate control so that air flows upward (▷ page 228).
 Night View Assist Lights Must Be Set to AUTO or ON	You have tried to switch on Night View Assist, but the exterior lamp switch is not set to **A** or ≣D.	▶ Turn the exterior lamp switch to **A** or ≣D (▷ page 325).
 Night View Assist Not In Reverse Gear	You have tried to switch on Night View Assist while the automatic transmission was in reverse gear **R**.	▶ Shift the automatic transmission to park position **P**, neutral position **N** or drive position **D** (▷ page 345).

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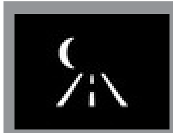
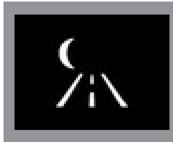
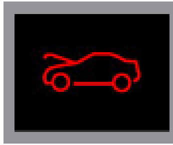
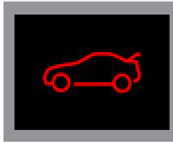
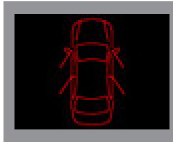
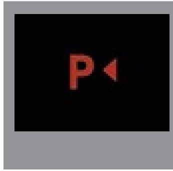
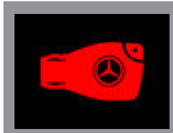
Vehicle status messages in the multifunction display

Display messages	Possible cause/consequence	Possible solution
 Night View Assist Lights ON or AUTO, Not in R Gear	You have tried to switch on Night View Assist, but the light switch is not set to A or ≣D. In addition, the automatic transmission is in reverse gear **R**.	▶ Turn the exterior lamp switch to A or ≣D (▷ page 325). ▶ Shift the automatic transmission to park position **P**, neutral position **N** or drive position **D** (▷ page 345).
 Night View Assist Only When It Is Dark	You have tried to switch on Night View Assist by daylight.	You can only switch on Night View Assist when it is dark.

Vehicle

Display messages	Possible cause/consequence	Possible solution
	You are driving with the hood open.	▶ Close the hood (▷ page 444).
	You are driving with the trunk open.	▶ Close the trunk.
	You are driving with at least one door open. The display symbol shows you which doors are open.	▶ Close all doors.

Display messages		Possible cause/consequence	Possible solution
	Shift to P	You have attempted to turn off the engine with the KEYLESS-GO start/stop button and opened the driver's door with the automatic transmission not shift to park position **P**.	▶ Shift the automatic transmission to park position **P** (▷ page 345). or ▶ Close the driver's door.
	Key Not Detected	The SmartKey with KEYLESS-GO is not detected while the engine is running because the SmartKey is not in the vehicle.	▶ Stop the vehicle as soon as it is safe to do so. ▶ Engage the electronic parking brake. ▶ Search for the SmartKey. Otherwise the vehicle cannot be locked centrally nor can the engine be started again after the engine is stopped.
	Key Not Detected	The SmartKey with KEYLESS-GO is not detected while the engine is running because there is strong radio-frequency interference.	▶ Stop the vehicle as soon as it is safe to do so. ▶ Engage the electronic parking brake. ▶ Remove KEYLESS-GO button from the starter switch (▷ page 308). ▶ Operate the vehicle with the SmartKey in the starter switch.
	Key Not Detected	The SmartKey with KEYLESS-GO is momentarily not detected.	▶ Change the position of the SmartKey in the vehicle. ▶ If necessary, remove KEYLESS-GO button from the starter switch (▷ page 308). ▶ Operate the vehicle with the SmartKey in the starter switch.

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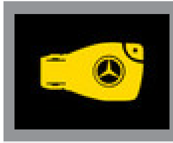
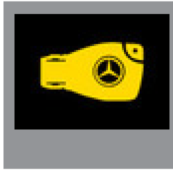
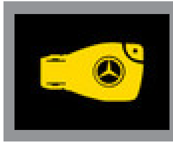
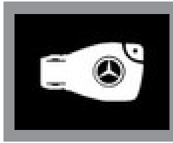
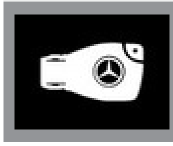
Vehicle status messages in the multifunction display

Display messages	Possible cause/consequence	Possible solution
 Close Doors to Lock Vehicle	You wanted to lock the vehicle but not all doors were closed.	▶ Close doors and lock vehicle again.
 Don't Forget Your Key	This display appears for a maximum of 60 seconds if the driver's door is opened with the engine turned off and no SmartKey in the starter switch. This message is only a reminder.	▶ Take the SmartKey with you when leaving the vehicle.
 Take Your Key From Ignition	You have forgotten to remove the SmartKey from the starter switch.	▶ Remove the SmartKey from the starter switch.
 Replace Key Battery	The batteries in the SmartKey with KEYLESS-GO are discharged.	▶ Replace the batteries (▷ page 564).
 Key Detected In Vehicle	A SmartKey with KEYLESS-GO left in the vehicle was recognized while trying to lock the vehicle from the outside.	▶ Take the SmartKey out of the vehicle.

Display messages	Possible cause/consequence	Possible solution
Key Not Detected	The SmartKey with KEYLESS-GO is momentarily not detected.	▶ Change the position of the SmartKey in the vehicle. ▶ If necessary, remove KEYLESS-GO button from the starter switch (▷ page 308). ▶ Operate the vehicle with the SmartKey in the starter switch.
Key Being Initialized… Please Wait	The SmartKey with KEYLESS-GO is being initialized in the vehicle.	▶ Wait until the message disappears from the multifunction display.
Remove 'Start' Button and Insert Key	The KEYLESS-GO system is malfunctioning.	▶ Remove KEYLESS-GO button from the starter switch (▷ page 308). ▶ Operate the vehicle with the SmartKey in the starter switch.
Obtain a New Key	The SmartKey with KEYLESS-GO must be replaced.	▶ Contact an authorized Mercedes-Benz Center as soon as possible.
Key Does Not Belong to Vehicle	The SmartKey or SmartKey with KEYLESS-GO in the starter switch does not belong to the vehicle.	▶ Remove the SmartKey from the starter switch.

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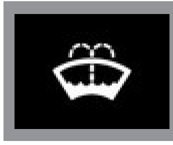
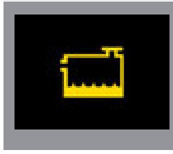
Vehicle status messages in the multifunction display

Display messages		Possible cause/consequence	Possible solution
	Check Washer Fluid	The water level has dropped to approx. 1.1 US qts (1.0 l).	▶ Add washer fluid (▷ page 448).

Engine

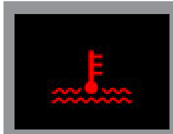
Display messages		Possible cause/consequence	Possible solution
	Check Coolant Level See Oper. Manual	The coolant level is too low.	▶ Add coolant (▷ page 448). ▶ If you have to add coolant frequently, have the cooling system checked at an authorized Mercedes-Benz Center.

⚠ **Warning!**

Do not spill antifreeze on hot engine parts. Antifreeze contains ethylene glycol which may burn if it comes into contact with hot engine parts. You could be seriously burned.

! Do not ignore the low engine coolant level warning. Extended driving with the message and symbol displayed may cause serious engine damage not covered by the Mercedes-Benz Limited Warranty.

Do not drive without sufficient amount of coolant in the cooling system. The engine will overheat causing major engine damage.

Display messages	Possible cause/consequence	Possible solution
 Coolant Low Stop Vehicle Turn Engine Off	The coolant is too hot.	▶ Stop the vehicle immediately as soon as it is safe to do so. ▶ Turn off the engine immediately. ▶ Engage the electronic parking brake. ▶ Only start the engine again after the message disappears. You could otherwise damage the engine. ▶ Observe the coolant temperature gauge in the instrument cluster. During severe operation conditions and stop-and-go city traffic, the coolant temperature may rise close to 248℉ (120℃).

⚠ **Warning!**

Driving when your engine is overheated can cause some fluids which may have leaked into the engine compartment to catch fire. You could be seriously burned.

Steam from an overheated engine can cause serious burns which can occur just by opening the engine hood. Stay away from the engine if you see or hear steam coming from it.

Stop the vehicle in a safe location away from other traffic. Turn off the engine, get out of the vehicle and do not stand near the vehicle until the engine has cooled down.

! The engine should not be operated with the coolant temperature above 248℉ (120℃). Doing so may cause serious damage which is not covered by the Mercedes-Benz Limited Warranty.

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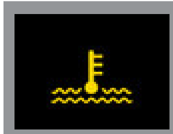
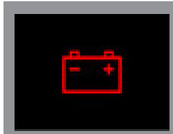
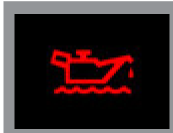
Vehicle status messages in the multifunction display

Display messages	Possible cause/consequence	Possible solution
Coolant Low Stop Vehicle Turn Engine Off	The poly-V-belt could be broken.	▶ Stop the vehicle immediately as soon as it is safe to do so. ▶ Turn off the engine immediately. ▶ Engage the electronic parking brake. ▶ Check the poly-V-belt. ▶ **If it is broken:** Do not continue to drive. Otherwise the engine will overheat due to an inoperative water pump which may result in damage to the engine. Contact an authorized Mercedes-Benz Center. ▶ **If it is intact:** Do not continue to drive the vehicle with this message displayed. Doing so could result in serious engine damage that is not covered by the Mercedes-Benz Limited Warranty. ▶ Observe the coolant temperature gauge in the instrument cluster. ▶ Restart the engine. If this message disappears from the multifunction display: ▶ Drive to the nearest authorized Mercedes-Benz Center immediately. If this message does not disappear from the multifunction display: ▶ Call Roadside Assistance.

Vehicle status messages in the multifunction display

Display messages	Possible cause/consequence	Possible solution
	The cooling fan for the coolant is malfunctioning.	▶ Observe the coolant temperature gauge in the instrument cluster. If the coolant temperature is below 248℉ (120℃), you may continue driving to an authorized Mercedes-Benz Center. ▶ Avoid placing heavy loads on the engine (e.g. by driving uphill) as well as stop-and-go traffic. ▶ Have the fan replaced as soon as possible.
	The battery is no longer charging. Possible causes: • alternator malfunctioning • broken poly-V-belt • a malfunction in the electronic system	▶ Stop immediately in a safe location or as soon as it is safe to do so and check the poly-V-belt. ▶ **If it is broken:** Do not continue to drive. Otherwise the engine will overheat due to an inoperative water pump which may result in damage to the engine. Contact an authorized Mercedes-Benz Center. ▶ **If it is intact:** Drive to the nearest authorized Mercedes-Benz Center immediately. Adjust driving to be consistent with reduced braking responsiveness.

 `Engine Oil Level Low`
`Stop Vehicle`
`Turn Engine Off`
	S 600 and S 65 AMG only:
	There is no oil in the engine. There is a danger of engine damage.
		▶ Stop the vehicle in a safe location or as soon as it is safe to do so.
		▶ Engage the electronic parking brake.
		▶ Turn off the engine.
		▶ Add engine oil (▷ page 446) and check the engine oil level (▷ page 444).

▷▷

Vehicle status messages in the multifunction display

Display messages	Possible cause/consequence	Possible solution
 Check Engine Oil Level (Add 1 quart) (USA only) Check Engine Oil Level (Add 1 Liter) (Canada only)	S 600 and S 65 AMG only: The engine oil level is too low.	▶ Add engine oil (▷ page 446) and check the engine oil level (▷ page 444). ▶ If you must add engine oil frequently, have the engine checked for possible leaks.
 Check Engine Oil at Next Refueling	All models except S 600 and S 65 AMG: The engine oil level has dropped to approximately the minimum level.	▶ Check the engine oil level (▷ page 444) and add engine oil as required (▷ page 446). ▶ If you must add engine oil frequently, have the engine checked for possible leaks.

When the message `Check Engine Oil at Next Refueling` (All models except S 600 and S 65 AMG) or `Check Engine Oil Level (Add 1 quart)` (Canada: `1 Liter`) (S 600 and S 65 AMG only) appears while the engine is running and at operating temperature, the engine oil level has dropped to approximately the minimum level.

The message will be stored in the vehicle status message memory after you have cleared it from the multifunction display.

Visually check for oil leaks. If there are no obvious oil leaks, drive to the nearest service station to refill your engine oil to the required level.

For information on approved engine oils contact an authorized Mercedes-Benz Center or visit **www.mbusa.com** (USA only).

! Engine oil level warnings should not be ignored. Extended driving with the symbol displayed could result in serious engine damage that is not covered by the Mercedes-Benz Limited Warranty.

Display messages	Possible cause/consequence	Possible solution
Engine Oil Level Cannot Be Measured	S 600 and S 65 AMG only: The measuring system is malfunctioning.	▶ Have the measuring system checked at an authorized Mercedes-Benz Center.
Engine Oil Level Too High	S 600 and S 65 AMG only: You have added too much engine oil. There is a risk of damaging the engine or the catalytic converter.	▶ Have oil siphoned or drained off. Observe all legal requirements with respect to its disposal.
Reserve Fuel	The fuel level has dropped below the reserve mark.	▶ Refuel at the next gas station.
Gas Cap Loose	A loss of pressure has been detected in the fuel system. The fuel cap may not be closed properly or the fuel system may be leaky.	▶ Check the fuel cap (▷ page 441). ▶ **If it is not closed properly:** Close the fuel cap. ▶ **If it is closed properly:** Have the fuel system checked at an authorized Mercedes-Benz Center.

Lamps

Display messages	Possible cause/consequence	Possible solution
Check Center Brake Lamp	The high mounted brake lamp is malfunctioning. This message will only appear if a critical number of LEDs have stopped working.	▶ Contact an authorized Mercedes-Benz Center as soon as possible.
Check Left Cornering Light or Check Right Cornering Light	The left or right corner-illuminating lamp is malfunctioning.	▶ Replace the bulb as soon as possible (▷ page 565).
Check Left Low Beam or Check Right Low Beam	The left or right low-beam lamp is malfunctioning.	▶ Contact an authorized Mercedes-Benz Center as soon as possible.
Active Headlamps Inoperative	The active headlamps are malfunctioning.	▶ Contact an authorized Mercedes-Benz Center as soon as possible.

Display messages	Possible cause/consequence	Possible solution
Auto Lamp Function Inoperative	The light sensor is malfunctioning. Daytime driving lamps come on automatically.	▶ Contact an authorized Mercedes-Benz Center as soon as possible. To switch off the headlamps (U.S. vehicles only): ▶ Switch off daytime running lamps in the instrument cluster control system (▷ page 252). ▶ Switch off the headlamps using the exterior lamp switch (▷ page 325).
Check Rear Left Turn Signal or Check Rear Right Turn Signal	The left or right rear turn signal lamp is malfunctioning. A substitute bulb is being used.	▶ Contact an authorized Mercedes-Benz Center as soon as possible.
Check Left Mirror Turn Signal or Check Right Mirror Turn Signal	The turn signal in the left or right exterior rear view mirror is malfunctioning. This message will only appear if a critical number of LEDs have stopped working.	▶ Have the LEDs replaced as soon as possible.

▷▷

Vehicle status messages in the multifunction display

Display messages	Possible cause/consequence	Possible solution
Check Front Left Turn Signal or Check Front Right Turn Signal	The left or right front turn signal lamp is malfunctioning.	▶ Contact an authorized Mercedes-Benz Center as soon as possible.
Check Left High Beam or Check Right High Beam	The left or right high-beam lamp is malfunctioning.	▶ Replace the bulb as soon as possible (▷ page 565).
Check Left License Plate Lamp or Check Right License Plate Lamp	The left or right license plate lamp is malfunctioning.	▶ Contact an authorized Mercedes-Benz Center as soon as possible.
Please Switch Off Lights	You are getting out of the vehicle and the lights are still switched on.	▶ Turn the exterior lamp switch to **0** or **A** (▷ page 325). or ▶ **With the rear fog lamp switched on:** Push in the exterior lamp switch to its stop.

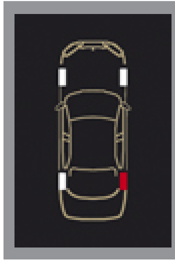
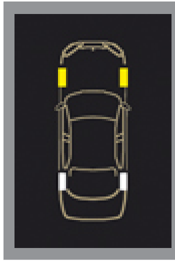
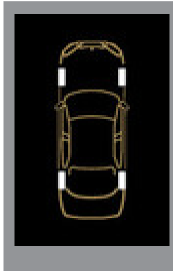
Display messages	Possible cause/consequence	Possible solution
Check Left Fog Lamp or Check Right Fog Lamp	The left or right front fog lamp is malfunctioning.	▶ Contact an authorized Mercedes-Benz Center as soon as possible.
Check Rear Left Fog Lamp	The rear fog lamp is malfunctioning. A substitute bulb is being used.	▶ Contact an authorized Mercedes-Benz Center as soon as possible.
Check Front Left Parking Lamp or Check Front Right Parking Lamp	The left or right front parking lamp is malfunctioning. A substitute bulb is being used.	▶ Contact an authorized Mercedes-Benz Center as soon as possible.
Check Left Reverse Lamp or Check Right Reverse Lamp	The left or right backup lamp is malfunctioning.	▶ Contact an authorized Mercedes-Benz Center as soon as possible.

▷▷

Vehicle status messages in the multifunction display

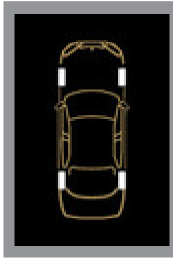
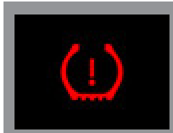
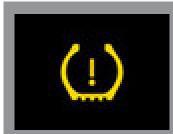
Display messages	Possible cause/consequence	Possible solution
Check Front Left Sidemarker Lamp or Check Front Right Sidemarker Lamp	The front left or right side marker lamp is malfunctioning.	▶ Contact an authorized Mercedes-Benz Center as soon as possible.
Check Rear Left Sidemarker Lamp or Check Rear Right Sidemarker Lamp	The rear left or right side marker lamp is malfunctioning.	▶ Contact an authorized Mercedes-Benz Center as soon as possible.
Check Left Tail and Brake Lamp or Check Right Tail and Brake Lamp	The left or right tail lamp/brake lamp is malfunctioning. This message will only appear if a critical number of LEDs have stopped working. A substitute bulb is being used.	▶ Contact an authorized Mercedes-Benz Center as soon as possible.

Tires

Display messages	Possible cause/consequence	Possible solution
 Caution Tire Defect	One or more tires are deflating. The respective tire is indicated in the multifunction display.	▶ Carefully bring the vehicle to a halt, avoiding abrupt steering and braking maneuvers. ▶ Engage the electronic parking brake. ▶ If necessary, change the wheel (▷ page 571).
 Check Tires	The pressure is too low in one or more tires. The respective tire is indicated in the multifunction display.	▶ Carefully bring the vehicle to a halt, avoiding abrupt steering and braking maneuvers. ▶ Engage the electronic parking brake. ▶ Check and correct tire inflation pressure as required (▷ page 458). ▶ If necessary, change the wheel (▷ page 571).
 Wheel Sensor(s) Missing	One or more sensors malfunction (e.g. battery in one or more wheel sensor is empty). One or more wheels without wheel sensors mounted (e.g. spare tire). No pressure value is shown in the multifunction display for the tire in question.	▶ Have the Advanced TPMS checked by an authorized Mercedes-Benz Center. ▶ Have the wheel sensors installed by an authorized Mercedes-Benz Center. The tire pressure for the respective tire is shown in the multifunction display after a few minutes of driving.

▷▷

Vehicle status messages in the multifunction display

Display messages	Possible cause/consequence	Possible solution
 Tire Pressure Please Rectify	The pressure is too low in one or more tires. Or the tire pressures of the individual wheels differ too radically from one another.	▶ Check and correct tire inflation pressure as required (▷ page 458).
 Tire Press. Warning Caution Tire Malfunction	One or more tires are deflating.	▶ Carefully bring the vehicle to a halt, avoiding abrupt steering and braking maneuvers. ▶ Engage the electronic parking brake. ▶ If necessary, change the wheel (▷ page 571).
 Check Tire Pressure	The tire pressure is too low in one or more tires.	▶ Carefully bring the vehicle to a halt, avoiding abrupt steering and braking maneuvers. ▶ Engage the electronic parking brake. ▶ Check and correct tire inflation pressure as required (▷ page 458). ▶ If necessary, change the wheel (▷ page 571).

⚠ **Warning!**

Do not drive with a flat tire. A flat tire affects the ability to steer or brake the vehicle. You may lose control of the vehicle. Continued driving with a flat tire will cause excessive heat build-up and possibly a fire.

⚠ Warning!

Follow recommended tire inflation pressures.

Do not underinflate tires. Underinflated tires wear excessively and/or unevenly, adversely affect handling and fuel economy, and are more likely to fail from being overheated.

Do not overinflate tires. Overinflated tires can adversely affect handling and ride comfort, wear unevenly, increase stopping distance, and result in sudden deflation (blowout) because they are more likely to become punctured or damaged by road debris, potholes etc.

What to do if …

Lamps in instrument cluster

Notes

If any of the following lamps in the instrument cluster fails to come on during the bulb self-check when switching on the ignition, have the respective bulb checked and replaced if necessary.

When you switch on the ignition, all lamps (except high-beam headlamp indicator lamp, and turn signal indicator lamps unless activated) in the instrument cluster come on. If a lamp in the instrument cluster fails to come on when the ignition is switched on, have it checked and replaced if necessary.

Brake

Problem	Possible cause/consequence	Suggested solutions
ABS The yellow ABS indicator lamp comes on while the engine is running.	The ABS has detected a malfunction and switched off. The BAS, ESP®, EBP and PRE-SAFE® are also switched off (see messages in multifunction display). The brake system is still functioning normally but without the systems specified above available. If the ABS control unit is malfunctioning, other systems such as the Parktronic, the DISTRONIC Plus, the navigation system or the automatic transmission may also be malfunctioning.	▶ Continue driving with added caution. Wheels may lock during hard braking, reducing steering capability. ▶ Read and observe messages that may appear in the multifunction display (▷ page 495). ▶ Have the system checked at an authorized Mercedes-Benz Center as soon as possible. Failure to follow these instructions increases the risk of an accident.
ABS The yellow ABS indicator lamp comes on while the engine is running.	The ABS has switched off due to insufficient power supply. The battery might not be charged sufficiently.	When the voltage is above the required value again, the ABS is operational again and the ABS indicator lamp should go out. ▶ If the ABS indicator lamp does not go out: Have the alternator and the battery checked.

▷▷

Problem	Possible cause/consequence	Suggested solutions
(ABS) ⚠ The yellow ABS malfunction indicator lamp and the yellow ESP® warning lamp come on while the engine is running and an acoustic warning sounds.	The brake system is still functioning normally but due to a malfunction, the ABS, the BAS, the EBP, the ESP® and PRE-SAFE® are unavailable.	▶ Continue driving with added caution. Wheels may lock during hard braking, reducing steering capability. ▶ Read and observe messages in the multifunction display (▷ page 495). ▶ Have the system checked at an authorized Mercedes-Benz Center as soon as possible. Failure to follow these instructions increases the risk of an accident.
BRAKE (USA only) (!) (Canada only) (ABS) ⚠ The red brake warning lamp comes on while driving. In addition, the yellow ABS malfunction indicator lamp, and the yellow ESP® warning lamp come on and an acoustic warning sounds.	The Electronic Brake Proportioning (EBP) switched off due to a malfunction. The ABS, the BAS, the ESP® and PRE-SAFE® are also switched off. The brake system continues to function normally, but without electronic support.	▶ Continue driving with added caution. Wheels may lock during hard braking, reducing steering capability. ▶ Read and observe messages that may appear in the multifunction display (▷ page 495). ▶ Have the system checked at an authorized Mercedes-Benz Center as soon as possible. Failure to follow these instructions increases the risk of an accident.
PARK (USA only) Ⓟ (Canada only) The red indicator lamp for the electronic parking brake flashes and/or the yellow warning lamp for the electronic parking brake is on.	The electronic parking brake is malfunctioning or defective.	▶ Read and observe messages that may appear in the multifunction display (▷ page 495). ▶ Have the system checked at an authorized Mercedes-Benz Center as soon as possible.

Problem	Possible cause/consequence	Suggested solutions
BRAKE (USA only) (!) (Canada only) The red brake warning lamp comes on while the engine is running and an acoustic warning sounds.	There is insufficient brake fluid in the reservoir.	▶ Risk of accident! Do not drive any further. Stop the vehicle in a safe location as soon as it is safe to do so. ▶ Engage the electronic parking brake. ▶ Read and observe messages that may appear in the multifunction display (▷ page 495). ▶ Contact an authorized Mercedes-Benz Center. Do not add brake fluid! This will not solve the problem.

⚠ **Warning!**

Driving with the brake warning lamp illuminated can result in an accident. Have your brake system checked immediately if the brake warning lamp stays on. Do not add brake fluid before checking the brake system.

Overfilling the brake fluid reservoir can result in spilling brake fluid on hot engine parts and the brake fluid catching fire. You can be seriously burned.

! If you find that the brake fluid in the brake fluid reservoir has fallen to the minimum mark or below, have the brake system checked for brake pad thickness and leaks.

Safety systems

Problem	Possible cause/consequence	Suggested solutions
The red seat belt telltale comes on for a maximum of 6 seconds after starting the engine.	The seat belt telltale reminds you and your passengers to fasten your seat belts before driving off.	▶ Fasten your seat belts. Regardless of whether the seat belts are fastened or not, the seat belt telltale always comes on and remains lit for 6 seconds after starting the engine.
You hear a warning chime for a maximum of 6 seconds after starting the engine.	You have forgotten to fasten your seat belt.	▶ Fasten your seat belt. The warning chime stops sounding.
The red seat belt telltale comes on while the vehicle is standing still and the engine is running or during driving.	You and/or your front passenger have forgotten to fasten your seat belts.	▶ Fasten your seat belts. The seat belt telltale goes out.
	There are items placed on the front passenger seat and therefore the system senses the front passenger seat as being occupied.	▶ Remove the items from the front passenger seat and put them in a safe place. The seat belt telltale goes out.

Problem	Possible cause/consequence	Suggested solutions
During driving the red seat belt telltale flashes and you additionally hear an intermittent warning chime with increasing intensity.	The vehicle's speed once exceeded 15 mph (25 km/h) and you and/or your front passenger have forgotten to fasten your seat belts.	▶ Fasten your seat belts. The seat belt telltale goes out and the warning chime stops sounding.
	There are items placed on the front passenger seat and therefore the system senses the front passenger seat as being occupied.	▶ Remove the items from the front passenger seat and put them in a safe place. The seat belt telltale goes out and the warning chime stops sounding.

ℹ After 60 seconds with an unfastened seat belt the warning chime stops sounding and the seat belt telltale illuminates continuously. The seat belt telltale will only go out if both, the driver and front passenger's seat belt are fastened, or the vehicle is standing still and a front door is opened.

Problem	Possible cause/consequence	Suggested solutions
The red SRS indicator lamp comes on while driving.	There is a malfunction in the restraint systems. The air bags or Emergency Tensioning Devices (ETDs) could deploy unexpectedly or fail to activate in an accident.	▶ Drive with added caution to the nearest authorized Mercedes-Benz Center.

⚠ **Warning!**

In the event a malfunction of the SRS is indicated as outlined above, the SRS may not be operational.

▷▷

For your safety, we strongly recommend that you contact an authorized Mercedes-Benz Center immediately to have the system checked. Otherwise the SRS may not be activated when needed in an accident, which could result in serious or fatal injury, or it might deploy unexpectedly and unnecessarily which could also result in injury.

Problem	Possible cause/consequence	Suggested solutions
⚠ The yellow ESP® warning lamp comes on while the engine is running.	The ESP® has been switched off. Risk of accident! When the ESP® is switched off it will not stabilize the vehicle if the system recognizes that the vehicle starts to skid or that a wheel is spinning. The cruise control is deactivated and cannot be switched on.	▶ Switch the ESP® back on. Exceptions: (▷ page 74). ▶ If leaving the ESP® switched off, adapt your speed and driving to the prevailing road and weather conditions. ▶ If the ESP® cannot be switched back on: Have the system checked at an authorized Mercedes-Benz Center as soon as possible.
⚠ The yellow ESP® warning lamp comes on while the engine is running.	The ESP® is not operational due to a malfunction. Risk of accident! The cruise control is deactivated and cannot be switched on.	▶ Read and observe additional messages that may appear in the multifunction display. ▶ Continue driving with added caution. ▶ Adapt your speed and driving to the prevailing road and weather conditions. ▶ Have the system checked at an authorized Mercedes-Benz Center as soon as possible.

Problem	Possible cause/consequence	Suggested solutions
⚠ The yellow ESP® warning lamp flashes while driving.	The ESP® or Electronic Traction System (ETS/4-ETS) has come into operation because of detected traction loss in at least one tire. The cruise control and the DISTRONIC Plus are deactivated.	▶ When driving off, apply as little throttle as possible. ▶ While driving, ease up on the accelerator pedal. ▶ Adapt your speed and driving to the prevailing road and weather conditions. ▶ Do not deactivate the ESP®. Exceptions: (▷ page 74). Failure to follow these instructions increases the risk of an accident.

Driving systems

Problem	Possible cause/consequence	Suggested solutions
⚠ PRE-SAFE® Brake: The red distance warning lamp comes on while driving.	You are too close to the vehicle in front of you to maintain selected speed.	▶ Apply the brakes immediately to increase the following distance.
⚠ DISTRONIC Plus or PRE-SAFE® Brake: The red distance warning lamp comes on while driving and an acoustic warning sounds.	You are gaining too rapidly on the vehicle ahead of you or DISTRONIC Plus or PRE-SAFE® Brake has recognized a stationary obstacle on your probable line of travel.	▶ Apply the brakes immediately. ▶ Carefully observe the traffic situation. You may need to brake or maneuver to avoid hitting an obstacle.

Vehicle

Problem	Possible cause/consequence	Suggested solutions
The yellow fuel tank reserve warning lamp in the fuel gauge comes on while driving.	The fuel level has gone below the reserve mark.	▶ Refuel at the next gas station.

Engine

Problem	Possible cause/consequence	Suggested solutions
The yellow engine malfunction indicator lamp comes on when the engine is running.	There may be a malfunction in: • The fuel management system • The ignition system • The emission control system • Systems which affect emissions Such malfunctions may result in excessive emissions values and may switch the engine to limp-home (emergency operation) mode.	▶ Have the vehicle checked as soon as possible at an authorized Mercedes-Benz Center. ℹ Some states may by law require you to visit a workshop as soon as the engine malfunction indicator lamp comes on. Check local requirements.
The yellow engine malfunction indicator lamp comes on when the engine is running.	A loss of pressure has been detected in the fuel system. The fuel cap may not be closed properly or the fuel system may be leaky.	▶ Check the fuel cap (▷ page 441). ▶ **If it is not closed properly:** Close the fuel cap. ▶ **If it is closed properly:** Have the fuel system checked by an authorized Mercedes-Benz Center.

Tires

Problem	Possible cause/consequence	Suggested solutions
(!) USA only: Combination low tire pressure telltale/TPMS malfunction telltale for the Advanced TPMS illuminates continuously. Canada only: Low tire pressure telltale for the Advanced TPMS illuminates continuously.	The Advanced TPMS detects a loss of pressure in at least one tire.	▶ Carefully bring the vehicle to a halt, avoiding abrupt steering and braking maneuvers. Observe the traffic situation around you. ▶ Read and observe messages in the multifunction display (▷ page 495). If the tire inflation pressure in the respective tire(s) has (have) been corrected, the combination low tire pressure/TPMS malfunction telltale goes out after a few minutes of driving.
(!) USA only: Combination low tire pressure telltale/TPMS malfunction telltale for the Advanced TPMS flashes 60 seconds and then stays illuminated.	There is a malfunction in the Advanced TPMS.	▶ Read and observe messages in the multifunction display (▷ page 495). ▶ Have the Advanced TPMS checked by an authorized Mercedes-Benz Center. After the malfunction has been remedied, the combination low tire pressure/TPMS malfunction telltale goes out after a few minutes of driving.

⚠ Warning!

Each tire, including the spare (if provided), should be checked every other week when cold and inflated to the inflation pressure recommended by the vehicle manufacturer on the Tire and Loading Information placard on the driver's door B-pillar or, if available, the tire inflation pressure label on the inside of the fuel filler flap. If your vehicle has tires of a different size than the size indicated on the vehicle placard or the tire inflation pressure label, you should determine the proper tire inflation pressure for those tires.

As an added safety feature, your vehicle has been equipped with a tire pressure monitoring system (TPMS) that illuminates a low tire pressure telltale when one or more of your tires are significantly underinflated. Accordingly, when the low tire pressure telltale illuminates, you should stop and check your tires as soon as possible, and inflate them to the proper pressure. Driving on a significantly underinflated tire causes the tire to overheat and can lead to tire failure.

Underinflation also reduces fuel efficiency and tire tread life, and may affect the vehicle's handling and stopping ability. Please note that the TPMS is not a substitute for proper tire maintenance, and it is the driver's responsibility to maintain correct tire pressure, even if underinflation has not reached the level to trigger illumination of the TPMS low tire pressure telltale.

USA only:
Your vehicle has also been equipped with a TPMS malfunction indicator to indicate when the system is not operating properly. The TPMS malfunction indicator is combined with the low tire pressure telltale. When the system detects a malfunction, the telltale will flash for approximately 1 minute and then remain continuously illuminated. This sequence will continue upon subsequent vehicle start-ups as long as the malfunction exists. When the malfunction indicator is illuminated, the system may not be able to detect or signal low tire pressure as intended.

TPMS malfunctions may occur for a variety of reasons, including the installation of replacement or alternate tires or wheels on the vehicle that prevent the TPMS from functioning properly. Always check the TPMS malfunction telltale after replacing one or more tires or wheels on your vehicle to ensure that the replacement or alternate tires and wheels allow the TPMS to continue to function properly.

Lamp in center console

Problem	Possible cause/consequence	Suggested solutions
PASS AIR BAG OFF The front passenger front air bag off indicator lamp illuminates and remains illuminated with the weight of a typical adult or someone larger than a small individual on the front passenger seat.	The system is malfunctioning.	▶ Have the system checked as soon as possible at an authorized Mercedes-Benz Center. ▶ Read and observe messages in the multifunction display and follow corrective steps (▷ page 495).

⚠ Warning!

If the PASS AIR BAG OFF indicator lamp illuminates and remains illuminated with the weight of a typical adult or someone larger than a small individual on the front passenger seat, do not have any passenger use the front passenger seat until the system has been repaired.

Problem	Possible cause/consequence	Suggested solutions
PASS AIR BAG OFF The front passenger front air bag off indicator lamp does not illuminate and/or does not remain illuminated with the weight of a typical 12-month-old child in a standard child restraint or less on the front passenger seat.	The system is malfunctioning.	▶ Make sure there is nothing between seat cushion and child seat and check installation of the child seat. ▶ Make sure no objects applying supplemental weight onto the seat are present. ▶ Make sure no objects which apply forces to the seat are present (e.g. objects such as books, briefcases etc. lodged behind or around the seat, head restraints pushing against roof etc.). The system may recognize such forces as supplemental weight. ▶ If the front passenger front air bag off indicator lamp remains out, have the system checked as soon as possible at an authorized Mercedes-Benz Center. Do not transport a child on the front passenger seat until the system has been repaired. ▶ Read and observe messages in the multifunction display and follow corrective steps (▷ page 495).

⚠ Warning!

If the PASS AIR BAG OFF indicator lamp does not illuminate or remains out with the weight of a typical 12-month-old child in a standard child restraint or less on the front passenger seat, do not transport a child on the front passenger seat until the system has been repaired.

Unlocking/locking manually

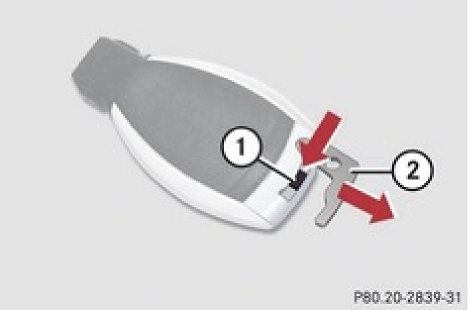
Unlocking the vehicle

If you cannot unlock the vehicle with the SmartKey or with KEYLESS-GO, unlock the driver's door and the trunk using the mechanical key.

ℹ Unlocking the vehicle with the mechanical key and opening the driver's door or the trunk will trigger the anti-theft alarm system.

To cancel the alarm, insert the SmartKey in the starter switch.

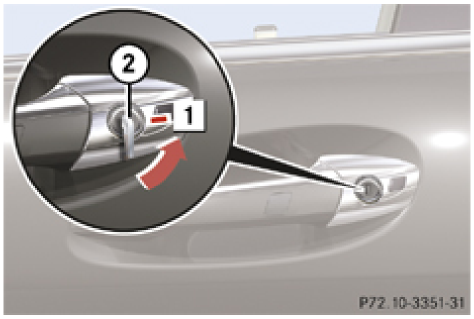
Removing the mechanical key



① Mechanical key locking tab
② Mechanical key

- ▶ Move locking tab ① in direction of arrow.
- ▶ Slide mechanical key ② out of the housing.

Unlocking the driver's door

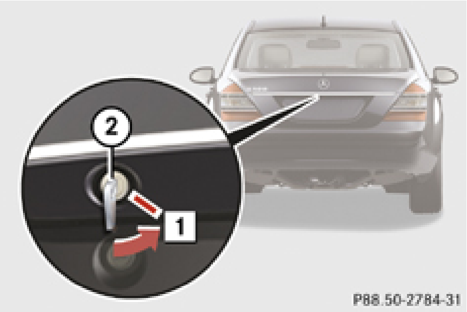


1 Unlocking
② Mechanical key

- ▶ Insert mechanical key ② into the driver's door lock until it stops.
- ▶ Turn mechanical key ② counterclockwise to position 1.
- ▶ Pull the door handle past the resistance point until the locking knob moves up. The driver's door is unlocked.
- ▶ Pull the door handle once more to open the driver's door.
- ▶ Turn mechanical key ② back and remove it from the driver's door lock.

Unlocking the trunk

A minimum height clearance of 5.9 ft (1.8 m) is required to open the trunk lid.



1 Unlocking
② Mechanical key

- ▶ Insert mechanical key ② into the trunk lid lock until it stops.
- ▶ Turn mechanical key ② all the way counterclockwise to position 1.

Resetting activated head restraints

! The trunk lid swings open upwards automatically. Always make sure there is sufficient overhead clearance.

- Turn mechanical key ② back and remove it from the trunk lid lock.

Locking the vehicle

If you cannot lock the vehicle with the SmartKey or with KEYLESS-GO, lock it as follows:

- Close the front passenger door, the right rear door and the trunk.

i If you cannot close the trunk with the remote trunk opening/closing switch, lower the trunk lid manually and close it with hands placed flat on the trunk lid until it is engaged in its lock.

- Open the driver's door and the rear left door.
- Press the central locking switch (▷ page 301).
  The locking knobs of the front passenger door and the rear doors move down.
- **If the vehicle battery is disconnected or drained:** Press down the locking knobs of the front passenger door and the rear doors manually.
- Exit the vehicle.
- Check whether the trunk is locked.
- If it is not locked, lock it with the mechanical key (▷ page 306).
  Except for the driver's door, the vehicle should now be locked.
- Close the driver's door.
- Enter the vehicle through the rear left door.
- Press down the locking knob of the driver's door.

! To prevent inadvertent lockout, make sure to have the SmartKey with you before proceeding with the next step. The next step will lock the vehicle.

- Exit the vehicle.
- Close the rear left door.
  The vehicle is locked.

i This procedure does not arm the anti-theft alarm system, nor does it lock the fuel filler flap.

Resetting activated head restraints

If the active head restraints have been triggered in a rear-end collision, the active head restraints must be reset.

You can tell that the active head restraints have been triggered when they have been moved forward and cannot be adjusted.

⚠ **Warning!**

For safety reasons, have the active head restraints checked at an authorized Mercedes-Benz Center after a rear-end collision.

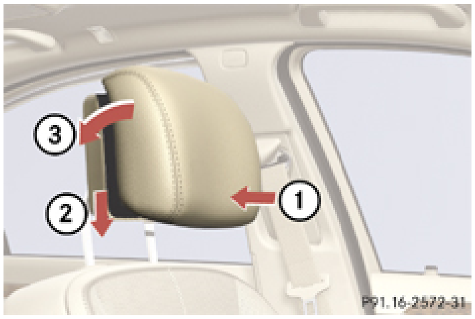
⚠ **Warning!**

When pushing back the head restraint cushion, make sure your fingers do not become caught between the head restraint cushion and the cover. Failing to do so may lead to injury.

! Be careful not to damage upholstery.

i Pressing the head restraint cushion back requires high force. If you encounter difficulties when pushing the head restraint back, please have the procedure performed at an authorized Mercedes-Benz Center.

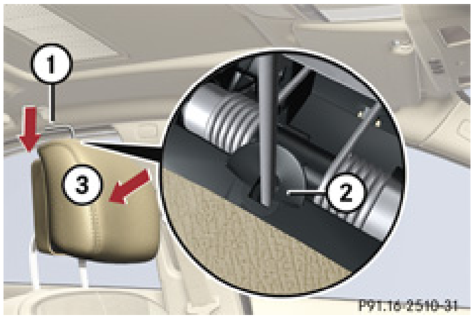
Head restraints (standard)



① Fold back
② Push down
③ Push back

- ▶ Push the head restraint cushion by the bottom, back as far as it will go ①.
- ▶ Push the head restraint cushion down into the guide as far as it will go ②.
- ▶ Fold the head restraint cushion by the top, back firmly until it engages ③.
- ▶ Repeat this procedure on the active head restraint for the second front seat.

Comfort head restraints



① Reset tool
② Rectangular opening
③ Active head restraint cushion

- ▶ Take reset tool ① out of the Mercedes-Benz literature pouch.
- ▶ Guide reset tool ① into rectangular opening ② between active head restraint cushion and head restraint cover.
- ▶ Press reset tool ① downward in direction of arrow until you hear the head restraint release mechanism audibly engage.
- ▶ Pull out reset tool ①.
- ▶ Firmly press the active head restraint cushion backward towards the head restraint cover in direction of arrow ③ until it engages.
- ▶ Repeat this procedure for the second front seat.
- ▶ After resetting the active head restraints store reset tool ① in the Mercedes-Benz literature pouch.

For information on active head restraints, see “Active head restraints” (▷ page 60).

For information on head restraint adjustment, see “Seats” (▷ page 309).

Replacing SmartKey batteries

Replacing SmartKey batteries

If the batteries in the SmartKey are discharged, the vehicle can no longer be locked or unlocked. It is recommended to have the batteries replaced at an authorized Mercedes-Benz Center.

⚠ **Warning!**

Batteries contain poisonous and corrosive substances. Therefore, keep the batteries out of reach of children.

If a battery is swallowed, seek medical help immediately.

⚠ **Warning!**

SmartKey batteries contain perchlorate material, which may require special handling and regard for the environment. Check with your local government's disposal guidelines. California residents, see **www.dtsc.ca.gov/HazardousWaste/Perchlorate/index.cfm**.

Batteries contain materials that can harm the environment if disposed of improperly. Recycling of batteries is the preferred method of disposal. Many states/provinces require sellers of batteries to accept old batteries for recycling.

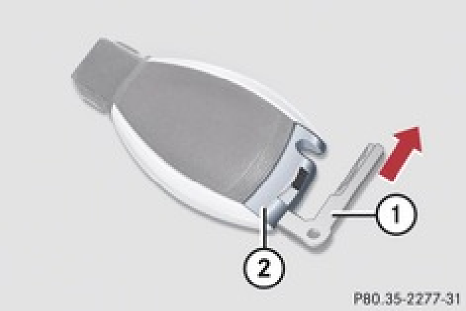
When inserting the batteries, make sure they are clean and free of lint.

When replacing batteries, always replace both batteries.

ℹ The required replacement batteries are available at any authorized Mercedes-Benz Center.

Replacement batteries: Lithium, type CR 2025 or equivalent.

▶ Remove the mechanical key from the SmartKey (▷ page 561).



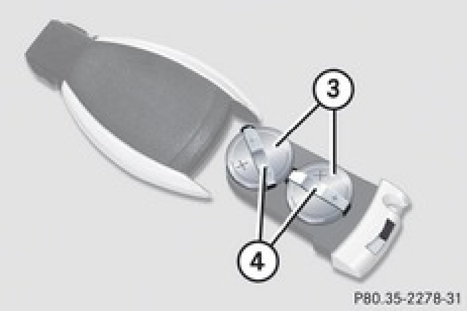
① Mechanical key

② Battery compartment

▶ Insert mechanical key ① into opening.

▶ Press mechanical key ① in direction of arrow.
Battery compartment ② is unlatched.

▶ Pull battery compartment ② out of the SmartKey housing.



③ Batteries

④ Contact springs

▶ Pull out batteries ③.

▶ Insert new batteries ③ under contact springs ④ with the positive terminal (+) side facing up.

▶ Return battery compartment ② into SmartKey housing until it locks into place.

- ▶ Slide mechanical key ① back into the SmartKey.
- ▶ Check the operation of the SmartKey as well as the KEYLESS-GO function.

Replacing bulbs

Safety notes

Safe vehicle operation depends on proper exterior lighting and signaling to a large degree.

Correct headlamp adjustment is extremely important. Have headlamps checked and readjusted at regular intervals and when a bulb has been replaced. Contact an authorized Mercedes-Benz Center for headlamp adjustment.

⚠ Warning!

Bulbs and bulb sockets can be very hot. Allow the lamp to cool down before changing a bulb.

Keep bulbs out of reach of children.

Halogen lamps contain pressurized gas. A bulb can explode if you:

- touch or move it when hot
- drop the bulb
- scratch the bulb

Wear eye and hand protection.

Because of high voltage in Xenon lamps, it is dangerous to replace the bulb or repair the lamp and its components. We recommend that you have such work done by a qualified technician.

⚠ Warning!

The bulbs in the tail lamps cannot be replaced individually. The tail lamp bulbs are under pressure and could explode during an attempt to replace them.

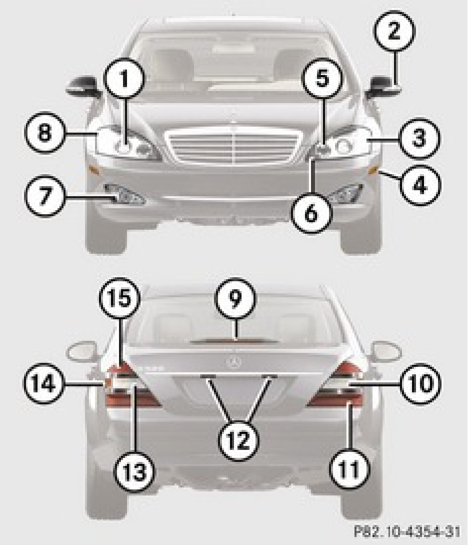
If the tail lamps are malfunctioning, have them replaced at an authorized Mercedes-Benz Center.

ℹ Since replacing bulbs is a technically highly demanding process, we recommend to have them replaced at an authorized Mercedes-Benz Center.

ℹ If the headlamps or front fog lamps are fogged up on the inside as a result of high humidity, driving the vehicle a distance with the lights on should clear up the fogging.

Replacing bulbs

Bulbs



Front lamps

	Lamp	Type
①	Low- and high-beam lamp[10]	D1S-35 W
②	Additional turn signal lamp	LED
③	Parking and standing lamp	W 5 W
④	Side marker lamp	W 5 W
⑤	High-beam flasher lamp	H7 (55 W)
	IR emitter (for Night View Assist)	H11 (55 W)
⑥	Corner-illuminating lamp	H7 (55 W)
⑦	Front fog lamp	H11 (55 W)
⑧	Turn signal lamp	PY 24 W

Rear lamps

	Lamp	Type
⑨	High-mounted brake lamp	LED
⑩	Turn signal lamp	HiP
⑪	Brake lamp, tail lamp, parking and standing lamp	LED
⑫	License plate lamps	W 5 W
⑬	Backup lamp	HiP
⑭	Side marker lamp	LED
⑮	Rear fog lamp (driver's side only)	HiP

Notes on bulb replacement

- Only use 12-volt bulbs of the same type and with the specified watt rating.
- Switch the lights off before changing a bulb to prevent short circuits.
- Always use a clean lint-free cloth when handling bulbs.

---

[10] Vehicles with Bi-Xenon headlamps: Low beam and high beam use the same D1S-35 W lamp. Do not replace the Bi-Xenon bulbs yourself. Contact an authorized Mercedes-Benz Center.

- Your hands should be dry and free of oil and grease.
- If the newly installed bulb does not come on, contact an authorized Mercedes-Benz Center.

ⓘ Mercedes-Benz recommends using Longlife (LL) bulbs.

Have the LEDs and bulbs for the following lamps replaced at an authorized Mercedes-Benz Center:

- Additional turn signal lamps in the exterior rear view mirrors
- Bi-Xenon lamps
- Front fog lamps
- Front side marker lamps
- License plate lamps
- Parking and standing lamps
- Front turn signal lamps
- Rear lamps
- High-mounted brake lamp

! Do not replace the LEDs yourself. You could otherwise damage the LEDs or parts of the vehicle. Only have the LEDs replaced at an authorized Mercedes-Benz Center.

Replacing bulbs for front lamps

You can change the halogen bulbs for the following lamps:

- High-beam flasher lamp
- Corner-illuminating lamp
- IR emitter lamp

⚠ **Warning!**

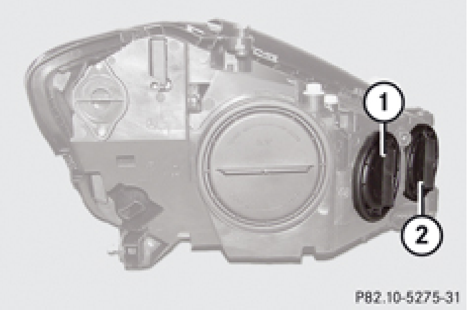
Do not remove the cover for the Bi-Xenon headlamp. Because of high voltage in Xenon lamps, it is dangerous to replace the bulb or repair the lamp and its components. It is recommended to have such work done by a qualified technician.

Before you start to replace a bulb for a front lamp, do the following:

▶ Switch off the ignition.

▶ Turn the exterior lamp switch to position **0**.

▶ Open the hood (▷ page 443).



① Housing cover for high-beam flasher bulb and IR emitter lamp bulb

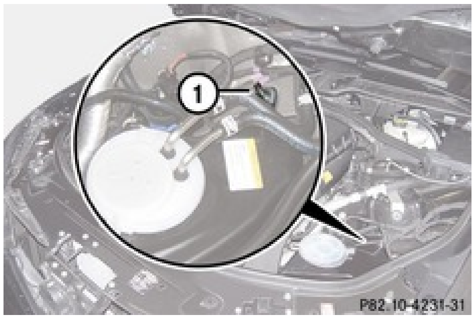
② Housing cover for corner-illuminating lamp bulb

Removing and installing washer fluid reservoir (vehicles with AIRMATIC only)

You must remove the washer fluid reservoir in order to change the bulbs of the headlamp on the driver's side. The washer fluid reservoir is on the front driver's side of the engine compartment.

▷▷

Replacing bulbs



Example illustration: S 550

① Retaining screw

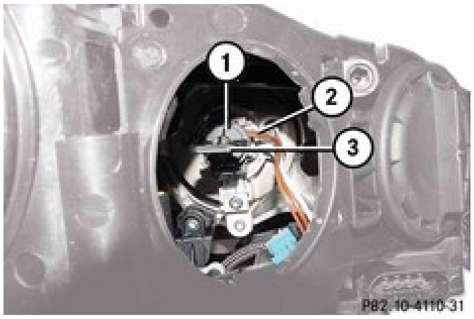
Removing

- ▶ Turn retaining screw ① counterclockwise.
- ▶ Take washer fluid reservoir out of mounting.
- ▶ Place washer fluid reservoir to the side and do not disconnect any wires or cables.

Installing

- ▶ Guide washer fluid reservoir into mounting so that the bottom retaining lug slides into the rubber sleeve on the longitudinal member.
- ▶ Turn retaining screw ① clockwise

High-beam flasher bulb

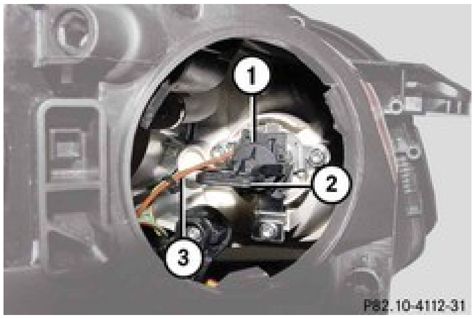


① Bulb holder
② Wire position
③ Grip

- ▶ Turn housing cover ① (▷ page 567) counterclockwise and remove it.
- ▶ Turn bulb holder ① counterclockwise until it disengages
- ▶ Take out bulb holder ①.
- ▶ Take bulb out of holder ①.
- ▶ Insert new bulb into bulb holder ① and press it all the way down.
- ▶ Insert bulb holder ① into guide in headlamp.

  The tab of the bulb holder ① must be positioned on the upper left-hand side and wire ② must point downward and to the right (driver's side headlamp) or downward and to the left (passenger-side headlamp).
- ▶ Turn bulb holder ① clockwise until it engages and grip ③ is in a horizontal position.
- ▶ Attach housing cover ① (▷ page 567) and let it audibly engage to close.

Corner-illuminating lamp bulb



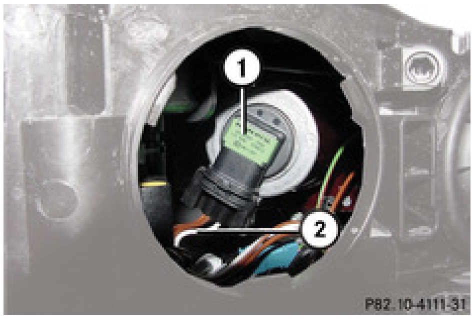
① Bulb holder
② Grip
③ Wire position

- ▶ Turn housing cover ② (▷ page 567) counterclockwise and remove it.
- ▶ Turn bulb holder ① counterclockwise until it disengages.

- ▶ Take out bulb holder ①.
- ▶ Take bulb out of holder ①.
- ▶ Insert new bulb into bulb holder ① and press it all the way down.
- ▶ Insert bulb holder ① into guide in headlamp.

  The tab of the bulb holder ① must be positioned on the upper left-hand side and wire ③ must point downward and to the left (driver's side headlamp) or upward and to the right (passenger-side headlamp).
- ▶ Turn bulb holder ① clockwise until it engages and grip ② is in a horizontal position.
- ▶ Attach housing cover ② (▷ page 567) and let it audibly engage to close.

IR emitter lamp bulb



① Bulb
② Wire position

- ▶ Turn cover ① (▷ page 567) counterclockwise and remove it.
- ▶ Turn bulb ① counterclockwise until it disengages.
- ▶ Take out bulb ①.
- ▶ Press both catches on left and right sides of bulb ① and disconnect the wire from the bulb.
- ▶ Connect a new bulb ① to the wire.
- ▶ Insert bulb ① into guide in headlamp.

  Wire ② must point downward and to the right.
- ▶ Turn bulb ① clockwise until it engages. Wire ② now points downward and to the left.
- ▶ Attach housing cover ① (▷ page 567) and let it audibly engage to close.

Replacing bulbs for rear lamps

Tail lamp unit

The tail lamps are equipped with HiP bulbs and LEDs. Have them replaced at an authorized Mercedes-Benz Center.

Replacing wiper blades

Safety notes

⚠ **Warning!**

For safety reasons, switch off wipers and remove SmartKey from starter switch (vehicles with KEYLESS-GO: Make sure the vehicle's on-board electronics have status **0**) before replacing a wiper blade. Otherwise, the wiper motor could suddenly turn on and cause injury.

⚠ **Warning!**

Wiper blades are components that are subject to wear and tear. Replace the wiper blades twice a year, preferably in the spring and fall. Otherwise the windows will not be properly wiped. As a result, you may not be able to observe surrounding traffic conditions and could cause an accident.

! To avoid damage to the hood the wiper arms should only be folded forward when in the vertical position.

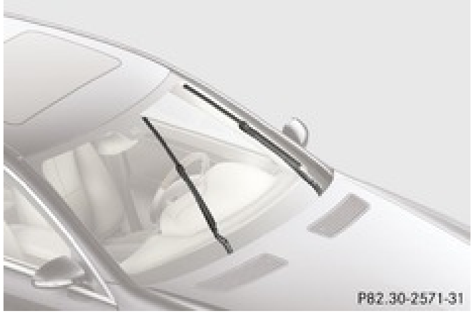
! Never open the hood when a wiper arm is folded forward.

Hold on to the wiper when folding a wiper arm back. If released, the force of the impact from the tensioning spring could crack the windshield.

Do not allow a wiper arm to contact the windshield glass without a wiper blade inserted.

Mercedes-Benz recommends that you have this work carried out at an authorized Mercedes-Benz Center.

Placing wiper arms in vertical position



Wiper arms in vertical position

- ▶ Make sure the hood is fully closed.

Vehicles with SmartKey

- ▶ Turn the SmartKey in the starter switch to position **1**.
- ▶ Turn combination switch to wiper setting ▬.
- ▶ With wiper arms in vertical position, turn the SmartKey in the starter switch to position **0**.
- ▶ Remove the SmartKey from the starter switch.

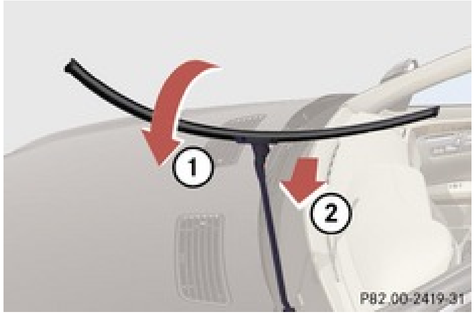
Vehicles with KEYLESS-GO

- ▶ Make sure the vehicle's on-board electronics have status **1**.
- ▶ Turn combination switch to wiper setting ▬.
- ▶ Press KEYLESS-GO start/stop button repeatedly until windshield wipers start.
- ▶ Press KEYLESS-GO start/stop button when the wiper arms are in a vertical position.

Removing wiper blades

! Do not pull on the wiper blade inserts. They could tear.

- ▶ Fold the wiper arm forward until it snaps into place.



① Turning wiper blade
② Removing

- ▶ Turn the wiper blade in direction of arrow ①.
- ▶ Slide the wiper blade sideways out of the retainer in the direction of arrow ②.

Installing wiper blades

- ▶ Slide the wiper blade onto wiper arm until it locks in place.
- ▶ Rotate the wiper blade into position parallel to the wiper arm.
- ▶ Fold the wiper arm backward to rest on the windshield.
  Make sure you hold on to the wiper when folding the wiper arm back.

! Make sure the wiper blades are properly installed. Improperly installed wiper blades may cause windshield damage.

Flat tire

Safety notes

⚠ **Warning!**

The dimensions of the spare wheel are different from those of the road wheels. As a result, the vehicle handling characteristics change when driving with a spare wheel mounted. Adapt your driving style accordingly.

The spare wheel is for temporary use only. When driving with spare wheel mounted, ensure proper tire inflation pressure and do not exceed a vehicle speed of 50 mph (80 km/h).

Contact the nearest authorized Mercedes-Benz Center as soon as possible to have the spare wheel replaced with a regular road wheel.

Never operate the vehicle with more than one spare wheel mounted.

Do not switch off the ESP® when a spare wheel is mounted.

Flat tire

Preparing the vehicle

- ▶ Park the vehicle in a safe distance from moving traffic on a hard, flat surface when possible.
- ▶ Turn on the hazard warning flasher.
- ▶ Turn the steering wheel so that the front wheels are in a straight-ahead position.
- ▶ Engage the electronic parking brake.
- ▶ Shift the automatic transmission into park position **P**.
- ▶ Turn off the engine.
- ▶ Remove the SmartKey from the starter switch.

or

- ▶ Vehicles with KEYLESS-GO: Open the driver's door (this puts the starter switch in position **0**, same as with the SmartKey removed from the starter switch). The driver's door can then be closed again. Open doors only when conditions are safe to do so.
- ▶ Vehicles with KEYLESS-GO: Remove the KEYLESS-GO start/stop button from the starter switch.
- ▶ Have any passenger exit the vehicle at a safe distance from the roadway. Open doors only when conditions are safe to do so.

Mounting the spare wheel

Introduction

- ▶ Prepare the vehicle as described (▷ page 572).
- ▶ Take the following out of the vehicle:
  - spare wheel
  - jack
  - vehicle tool kit

For information on where to find the respective items, see "Where will I find ...?" (▷ page 492) and (▷ page 494).

Lifting the vehicle

⚠ Warning!

When jacking up the vehicle, only use the jack which has been specifically approved by Mercedes-Benz for your vehicle.

The jack is designed exclusively for jacking up the vehicle at the jack take-up brackets built into both sides of the vehicle. Make sure the jack arm is fully seated in the jack take-up bracket. The jack must always be vertical when in use, especially on inclines or declines.

The jack is intended only for lifting the vehicle briefly for wheel changes. It is not suited for performing maintenance work under the vehicle. To help avoid personal injury, use the jack only to lift the vehicle during a wheel change.

Never get beneath the vehicle while it is supported by the jack. Keep hands and feet away from the area under the lifted vehicle. Always lower the vehicle onto sufficient capacity jackstands before working under the vehicle.

Always firmly set the parking brake and block the wheels with wheel chocks or other sizeable objects before raising the vehicle with the jack. Do not disengage the parking brake while the vehicle is raised.

Make sure that the ground on which the vehicle is standing and where you place the jack is solid, level and not slippery. If necessary, use a large underlay. On slippery surfaces, such as tiled floors, you should use a non-slip underlay, for example a rubber mat.

Do not use wooden blocks or similar objects to support the jack. Otherwise the jack may not be able to achieve its load-bearing capacity if it is not at its full height.

Never start the engine when the vehicle is raised.

Also observe the notes on the jack.

- Prevent the vehicle from rolling away by blocking wheels with wheel chocks or other sizeable objects.

  One wheel chock is included with the vehicle tool kit (▷ page 492). For information on setting up the collapsible wheel chock, see (▷ page 493).

When changing wheel on a level surface:

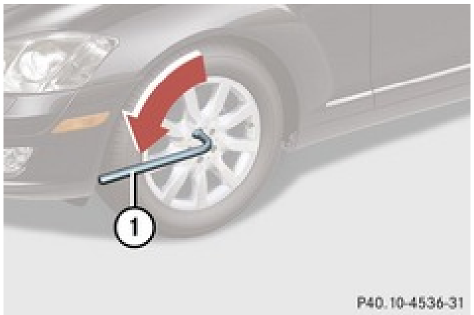
- Place the wheel chock in front of and another wheel chock or other sizeable object behind the wheel that is diagonally opposite to the wheel being changed.

Always try lifting the vehicle using the jack on a level surface. However, should circumstances require you to do so on a hill, place the wheel chock and another sizeable object as follows:

- Place wheel chocks or other sizeable objects on the downhill side blocking both wheels of the axle not being worked on.

⚠ **Warning!**

Only jack up the vehicle on level ground or on slight inclines/declines. Otherwise, the vehicle could fall off the jack and injure you or others.



① Wheel wrench

- On wheel to be changed, loosen but do not yet remove the wheel bolts (approximately one full turn with wrench ①).

The jack take-up brackets are located directly behind the front wheel housings and in front of the rear wheel housings.

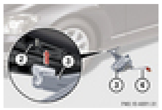
⚠ **Warning!**

The jack is designed exclusively for jacking up the vehicle at the jack take-up brackets.

Make sure the jack arm is fully seated in the jack take-up bracket.

If you do not position the jack correctly in the jack take-up bracket, the vehicle can fall off the jack and seriously or fatally injure you or others.

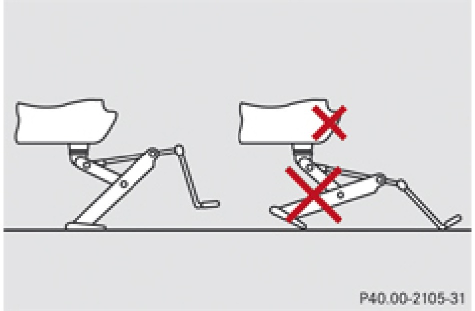
! Do not position the jack on the body of the vehicle, as this may cause damage to the vehicle.



② Take-up bracket
③ Jack
④ Crank

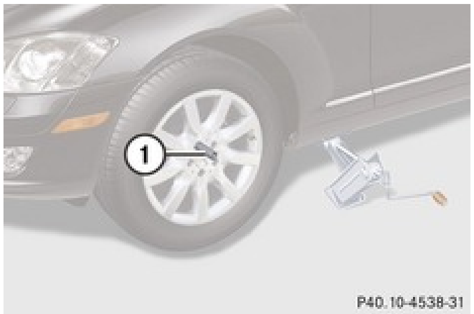
- Place jack ③ on firm ground.
- Position jack ③ under take-up bracket ② so that it is always vertical as seen from the side, even if the vehicle is parked on an incline.

Flat tire



- ▶ Turn crank ④ clockwise until jack ③ is fully seated in take-up bracket ② and the jack base evenly meets the ground.
- ▶ Jack up the vehicle until the wheel is a maximum of 1.2 in (3 cm) from the ground.

Removing the wheel



① Alignment bolt

- ▶ Unscrew uppermost wheel bolt and remove it.
- ▶ Replace this wheel bolt with alignment bolt ① supplied with the vehicle tool kit.
- ▶ Remove the remaining bolts.

! Do not place wheel bolts in sand or dirt. This could result in damage to the wheel bolts and wheel hub threads.

- ▶ Remove the wheel.

Attaching the spare wheel

⚠ **Warning!**

Always replace wheel bolts that are damaged or rusted.

Never apply oil or grease to wheel bolts.

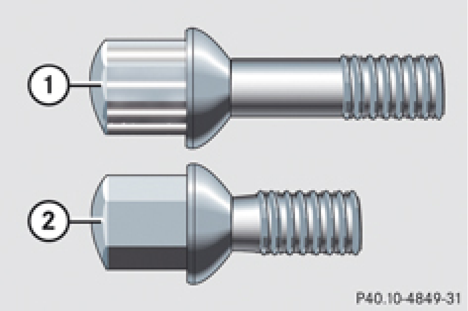
Damaged wheel hub threads should be repaired immediately. Do not continue to drive under these circumstances! Contact an authorized Mercedes-Benz Center or call Roadside Assistance.

Incorrect wheel bolts or improperly tightened wheel bolts can cause the wheel to come off. This could cause an accident. Be sure to use the correct wheel bolts.

⚠ **Warning!**

Only use genuine Mercedes-Benz wheel bolts. Other wheel bolts may come loose.

Do not tighten the wheel bolts when the vehicle is raised. Otherwise the vehicle could fall off the jack.



① Wheel bolt for light alloy rims and Minispare wheel with light alloy rim

② Wheel bolt for Minispare wheel with steel rim (located in trunk with Minispare wheel)

! Wheel bolts ① must be used when mounting the Minispare wheel with light alloy rim. The use of any wheel bolts other than wheel bolts ① for the Minispare wheel with light alloy rim will damage the vehicle's brakes.

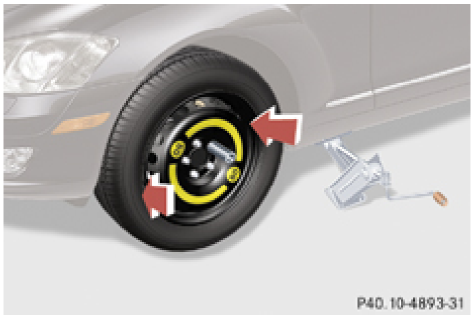
Wheel bolts ② must be used when mounting the Minispare wheel with steel rim. The use of any wheel bolts other than wheel bolts ② for the Minispare wheel with steel rim will damage the vehicle's brakes.

⚠ **Warning!**

Make sure to use the original length wheel bolts when remounting the original wheel after it has been repaired.

- ▶ Clean contact surfaces of wheel and wheel hub.

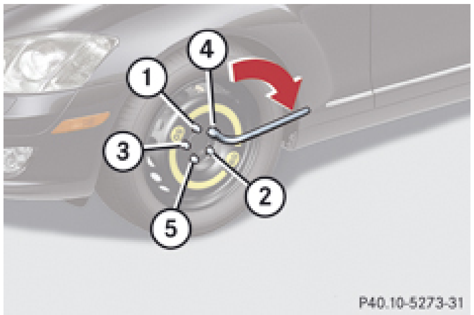
! To avoid paint damage, place wheel flat against hub and hold it there while installing first wheel bolt.



- ▶ Guide the spare wheel onto the alignment bolt and push it on.
- ▶ Insert the wheel bolts and tighten them slightly.
- ▶ Unscrew the alignment bolt.
- ▶ Install last wheel bolt and tighten it slightly.

Lowering the vehicle

- ▶ Lower the vehicle by turning crank counterclockwise until the vehicle is resting fully on its own weight.
- ▶ Remove the jack.



① - ⑤ Wheel bolts

- ▶ Tighten the five wheel bolts evenly, following the diagonal sequence illustrated (① to ⑤), until all bolts are tight. Observe a tightening torque of 110 lb-ft (150 Nm).

⚠ **Warning!**

Have the tightening torque checked after changing a wheel. The wheels could come

▷▷

loose if they are not tightened to a torque of 110 lb-ft (150 Nm).

- Fully collapse the jack, with handle folded in (storage position), see (▷ page 493).
- Store the jack and the other vehicle tools in the designated storage space.

For information on storing the spare wheel after it has been replaced by a regular road wheel, see (▷ page 494).

ℹ Do not restart the tire inflation pressure monitor until a full size wheel/tire with functioning sensor has been placed back into service on the vehicle.

Battery

Safety notes

A battery should always be sufficiently charged in order to achieve its rated service life. Refer to Maintenance Booklet for battery maintenance intervals.

If you use your vehicle mostly for short-distance trips, you will need to have the battery charge checked more frequently.

When replacing a battery, always use a battery approved by Mercedes-Benz.

If you do not intend to operate your vehicle for an extended period of time, contact an authorized Mercedes-Benz Center about steps you need to observe.

⚠ Warning!

Observe all safety instructions and precautions when handling automotive batteries.

Risk of explosion.

Fire, open flames and smoking are prohibited when handling batteries. Avoid creating sparks.

Battery acid is caustic. Do not allow it to come into contact with skin, eyes or clothing.

Wear suitable protective clothing, especially gloves, apron and faceguard.

Wear eye protection.

Rinse any acid spills immediately with clear water. Contact a physician if necessary.

Keep children away.

Follow the instructions in this Operator’s Manual.

Batteries contain materials that can harm the environment if disposed of improperly. Large 12-volt storage batteries contain lead. Recycling of batteries is the preferred method of disposal. Many states (USA only) or provinces (Canada only) require sellers of batteries to accept old batteries for recycling.

⚠ **Warning!**

Failure to follow these instructions can result in severe injury or death.

Never lean over batteries while connecting. You might get injured.

Battery fluid contains sulfuric acid. Do not allow this fluid to come in contact with eyes, skin or clothing. In case it does, immediately flush affected area with water and seek medical help if necessary.

A battery will also produce hydrogen gas, which is flammable and explosive. Keep flames or sparks away from battery, avoid improper connection of jumper cables, smoking etc.

⚠ **Warning!**

Do not place metal objects on the battery as this could result in a short circuit.

Use leak-proof batteries only to avoid the risk of acid burns in the event of an accident.

Take care that you do not become statically charged, e.g. by wearing synthetic clothing or rubbing against textiles. For this reason, you also should not pull or push the battery over carpets or other synthetic materials.

Never touch the battery first. First touch the outside body of the vehicle in order to release any possible electrostatic charges.

Do not rub the battery with rags or cloths. The battery could explode if touched due to electrostatic charge or due to spark formation.

! The battery is a Valve-Regulated Lead Acid (VRLA) battery, also referred to as “fleece” battery.

Such batteries do not require topping-up of the electrolyte level. VRLA batteries therefore do not have cell caps and the battery cover is non-removable. Do not attempt to open the battery as otherwise the battery will be damaged.

Even though VRLA batteries do not require topping-up of the electrolyte level and cannot be opened to check the electrolyte level, the battery condition must be checked periodically by performing a battery conductance test. Refer to Maintenance Booklet for battery condition testing intervals.

The factory-equipped VRLA battery is leak-proofed. Only use a battery as replacement that has the same security features and is of identical size, voltage, and capacity as the factory-equipped battery.

! As with any other battery, have the battery disconnect at a qualified workshop or an authorized Mercedes-Benz Center if you do not intend to operate your vehicle for an extended period of time to prevent battery discharge. You may also connect an accessory battery charge unit expressly approved by Mercedes-Benz for your vehicle model to maintain the battery charge. Contact an authorized Mercedes-Benz Center for further information.

The battery, the battery ventilation hose and the lateral plug must always be securely installed when the vehicle is in operation.

! Switch off the engine and switch off the vehicle’s internal electrical functions before you disconnect or remove the battery’s terminal clamps. You could otherwise destroy electronic assemblies such as the generator.

Remove SmartKey from starter switch (vehicles with KEYLESS-GO: Make sure the vehicle’s on-board electronics have status **0**) when you turn off the engine and no longer require any electrical consumers. The vehicle

▷▷

then uses very little power and the battery is spared.

If the battery is discharged, you must use the mechanical key to unlock the vehicle.

Charging the battery

⚠ **Warning!**

Never charge a battery while still installed in the vehicle unless the accessory battery charge unit approved by Mercedes-Benz is being used. Gases may escape during charging and cause explosions that may result in paint damage, corrosion or personal injury.

An accessory battery charge unit specially adapted for Mercedes-Benz vehicles and tested and approved by Mercedes-Benz is available, permitting the charging of the battery in its installed position. Contact an authorized Mercedes-Benz Center for information and availability.

Charge battery in accordance with the separate instructions for the accessory battery charger.

Have batteries charged at an authorized Mercedes-Benz Center. If you charge the batteries yourself, follow the operating instructions for your charging device.

Only use a battery charge unit with a maximum charging voltage of 14.8 V.

▶ Charge battery in accordance with the instructions of the battery charger manufacturer.

Jump starting

⚠ **Warning!**

Failure to follow these directions will cause damage to the electronic components, and can lead to a battery explosion and severe injury or death.

Never lean over batteries while connecting or jump starting. You might get injured.

Battery fluid contains sulfuric acid. Do not allow this fluid to come in contact with eyes, skin or clothing. In case it does, immediately flush affected area with water, and seek medical help if necessary.

A battery will also produce hydrogen gas, which is flammable and explosive. Keep flames or sparks away from battery, avoid improper connection of jumper cables, smoking, etc.

Attempting to jump start a frozen battery can result in it exploding, causing personal injury.

Read all instructions before proceeding.

! Do not tow-start the vehicle. You could otherwise seriously damage the automatic transmission which is not covered by the Mercedes-Benz Limited Warranty.

Jump starting

! Avoid repeated and lengthy starting attempts.

Do not attempt to start the engine using a battery quick-charge unit.

If the engine does not run after several unsuccessful starting attempts, have it checked at the nearest authorized Mercedes-Benz Center.

Excessive unburned fuel generated by repeated failed starting attempts may damage the catalytic converter and may present a fire risk.

Make sure the jumper cables do not have loose or missing insulation.

Make sure the cable clamps do not touch any other metal part while the other end is still attached to a battery.

If the battery is discharged, the engine can be started with jumper cables and the fully charged battery of another vehicle or an equivalent starter pack. Observe the following:

- Access to the battery is not possible on all vehicles. If you cannot access the battery in your vehicle provide jump start power by an external battery or starter pack.
- Jump starting should only be performed when the engine and catalytic converter are cold.
- Do not start the engine if the battery is frozen. Let the battery thaw out first.
- Only jump start from batteries with the same voltage rating (12 V). Jump starting with a more powerful battery could damage the vehicle's electrical system, which will not be covered by the Mercedes-Benz Limited Warranty.
- Only use jumper cables with sufficient cross-section and insulated terminal clamps.
- Always make sure the jumper cables are not on or near pulleys, fans or other parts that move when an engine is started or running.
- Should the battery be drained completely, let the donating power source charge the vehicle for several minutes before reattempting the starting process.

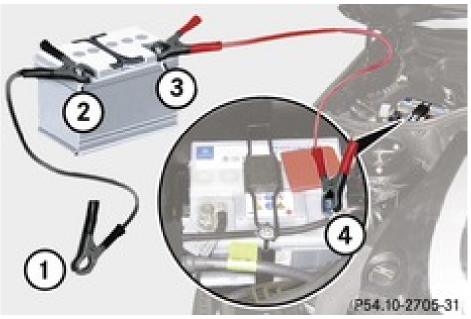
▶ Make sure the two vehicles do not touch.

▶ Switch off all electrical consumers.

▶ Engage the electronic parking brake.

▶ Make sure the automatic transmission is in park position **P**.

▶ Open the hood.



① Negative clamp
② Negative terminal of charged battery
③ Positive terminal of charged battery
④ Positive terminal of discharged battery

! Never invert the terminal connections!

▶ Connect positive terminals ③ and ④ of the batteries with a jumper cable. Clamp the cable to positive terminal ③ of the charged battery first.

▶ Connect negative terminal ② of charged battery with a jumper cable and attach other end of the jumper cable with the

▷▷

negative clamp ① to a suitable ground point on the vehicle.

- ▶ Get into vehicle and start engine within 30 seconds.

If the starting attempt does not succeed:

- ▶ Turn the SmartKey in starter switch to position **0**.
- ▶ Take out the SmartKey.
- ▶ Turn off engine of donor vehicle, restart it and let it run at idle speed for several minutes.
- ▶ Disconnect the jumper cable during this time.
- ▶ Reconnect jumper cable as described before.
- ▶ Restart engine.

If the starting attempt is succeed:

- ▶ While the engine is running, switch off several electrical consumers such as the blower.
- ▶ Remove the jumper cables first from negative clamp ① from ground point and negative terminal ②, then from positive terminals ④ and ③.
- ▶ Have the battery checked at the nearest authorized Mercedes-Benz Center.

Towing the vehicle

Safety notes

Mercedes-Benz recommends that the vehicle be transported with all wheels off the ground using flatbed or appropriate wheel lift/dolly equipment. This method is preferable to other types of towing.

! To prevent damage during transport, do not tie down vehicle by its chassis or suspension parts.

If circumstances do not permit the recommended towing methods, the vehicle may be towed with all wheels on the ground or front axle raised (except vehicles with 4MATIC) only so far as necessary to have the vehicle moved to a safe location where the recommended towing methods can be employed.

! Before towing the vehicle observe the following instructions:

- Do not tow-start the vehicle. You could otherwise seriously damage the automatic transmission which is not covered by the Mercedes-Benz Limited Warranty.
- Do not tow with sling-type equipment. Towing with sling-type equipment over bumpy roads will damage radiator and supports.
- Towing of the vehicle should only be done using the properly installed towing eye bolt. Never attach a tow cable, tow rope or tow rod to the vehicle chassis, frame or suspension parts.

ℹ If the battery is disconnected or discharged

- the SmartKey will not turn in the starter switch
- the automatic transmission will remain in park position **P**
- For more information see “Battery” (▷ page 576) or “Jump starting” (▷ page 578).

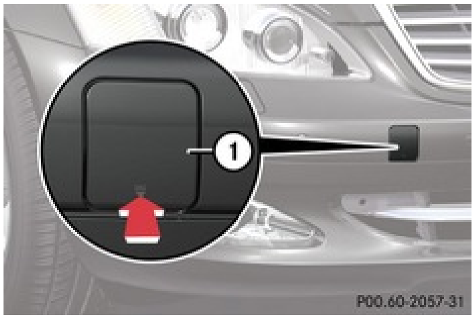
Installing towing eye bolt

Depending on whether you are towing a vehicle or you are being towed, the towing eye bolt can be screwed into threaded holes which are located behind covers on each bumper.

The towing eye bolt is supplied with the vehicle tool kit, located underneath the trunk floor (▷ page 492).

- Take the vehicle tool kit out of the trunk.

Removing cover in front bumper



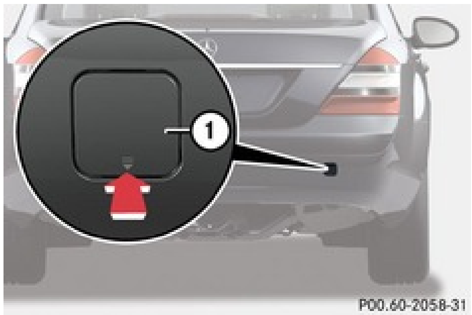
① Cover

- Press mark on cover ① as indicated by the arrow.
- Lift cover ① off to reveal the threaded hole for the towing eye bolt.

Removing cover in rear bumper

⚠ **Warning!**

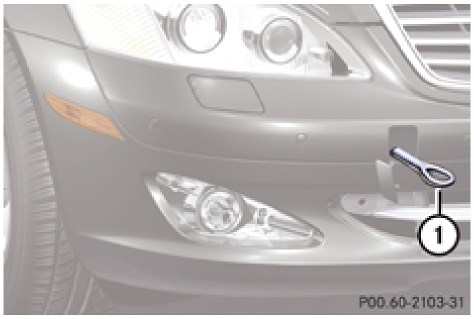
In order to avoid possible serious burns or injury, use extreme caution when removing the rear cover, because the rear exhaust pipe is extremely hot.



① Cover

- Press mark on cover ① as indicated by the arrow.
- Lift cover ① off to reveal the threaded hole for the towing eye bolt.

Fixing towing eye bolt



Example illustration front bumper

① Towing eye bolt

- Take the towing eye bolt and the wheel wrench from the vehicle tool kit.
- Screw towing eye bolt ① clockwise into threaded hole to its stop.
- Insert wheel wrench into towing eye and tighten towing eye bolt ① by turning it clockwise.

Towing the vehicle

Removing towing eye bolt

- ▶ Loosen towing eye bolt ① counterclockwise with wheel wrench.
- ▶ Unscrew towing eye bolt ①.
- ▶ **Reinstalling cover:** Fit cover ① (▷ page 581) and snap it into place.
- ▶ Store the towing eye bolt and wheel wrench back into the vehicle tool kit.

Towing with all wheels on the ground

⚠ **Warning!**

If circumstances require towing the vehicle with all wheels on the ground, always tow with a tow bar if:

- the engine will not run
- there is a malfunction in the brake system
- there is a malfunction in the power supply or in the vehicle’s electrical system

This is necessary to adequately control the towed vehicle.

Prior to towing the vehicle with all wheels on the ground, make sure the SmartKey is in starter switch position **2**.

⚠ **Warning!**

With the engine not running, there is no power assistance for the brake and steering systems. In this case, it is important to keep in mind that a considerably higher degree of effort is necessary to brake and steer the vehicle. Adapt your driving accordingly.

- ▶ Make sure the ignition is switched on.
- ▶ With the vehicle at a standstill, depress the brake pedal and keep it pressed.
- ▶ Shift the automatic transmission into neutral position **N**.
- ▶ Release the brake pedal.
- ▶ If engaged, release the electronic parking brake.
- ▶ Switch on the hazard warning flasher (▷ page 328).

! Keep in mind that it is important to have the ignition switched on. Removing the SmartKey from the starter switch or opening a front door with the ignition switched off will automatically shift the automatic transmission into park position **P**.

! The vehicle may be towed only for distances up to 30 miles (50 km) and at a speed not to exceed 30 mph (50 km/h).

ℹ To signal turns while being towed with the hazard warning flasher in use you can activate the combination switch for the left or right turn signal in the usual manner – only the selected turn signal will operate. Upon canceling the turn signal, the hazard warning flasher will operate again.

Towing with front axle raised

! Vehicles with 4MATIC: Do not tow with the front axle raised. Doing so could damage the transfer case, which is not covered by the Mercedes-Benz Limited Warranty.

All wheels must be on or off the ground. Observe instructions for towing the vehicle with all wheels on the ground.

When towing the vehicle with the front axle raised, the wheels on the ground have to move freely.

- Switch off the automatic central locking (▷ page 222).
- Switch on the hazard warning flasher (▷ page 328).
- Make sure the automatic transmission remains in neutral position **N**. Observe instructions, see “Remaining in neutral position **N**” (▷ page 347).

! Vehicles without 4MATIC:
Because the ESP® operates automatically, the engine and ignition must be shut off (SmartKey in starter switch position **0** or **1** or KEYLESS-GO start/stop button in position **0** or **1**) when the vehicle is being towed with one axle raised.

Active braking action through the ESP® may otherwise seriously damage the brake system which is not covered by the Mercedes-Benz Limited Warranty.

! Keep in mind that it is important for the SmartKey to be left in starter switch with the ignition switched off. As soon as the SmartKey is removed from the starter switch the automatic transmission will shift to park position **P**.

! The vehicle may be towed only for distances up to 30 miles (50 km) and at a speed not to exceed 30 mph (50 km/h).

Fuses

Introduction

The electrical fuses in your vehicle serve to switch off malfunctioning power circuits.

If a fuse is blown, the components and systems secured by that fuse will stop operating.

⚠ **Warning!**

Only use fuses approved by Mercedes-Benz with the specified amperage for the system in question and do not attempt to repair or bridge a blown fuse. Using other than approved fuses or using repaired or bridged fuses may cause an overload leading to a fire, and/or cause damage to electrical components and/or systems. Have the cause determined and remedied by an authorized Mercedes-Benz Center.

! Switch off the vehicle’s internal electrical functions when you are working on the fuses.

A blown fuse must be replaced by an appropriate spare fuse (recognizable by its color or the fuse rating given on the fuse) of the amperage recommended in the fuse chart. Any Mercedes-Benz Center will be glad to advise you on this subject.

▷▷

Fuses

ℹ In case of a blown fuse contact Roadside Assistance or an authorized Mercedes-Benz Center.

If a newly inserted fuse blows again, have the cause determined and rectified by an authorized Mercedes-Benz Center.

A fuse chart is located in the trunk with the vehicle tool kit (▷ page 492). The fuse chart explains the fuse allocation and fuse amperages.

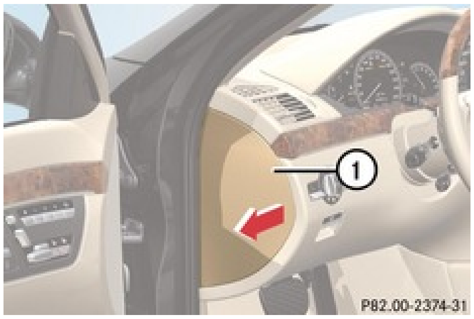
Before replacing fuses

- ▶ Engage the electronic parking brake.
- ▶ Make sure the automatic transmission is in park position **P**.

  The transmission position indicator in the multifunction display should be on P.
- ▶ Switch off all electrical consumers.
- ▶ Turn off the engine.

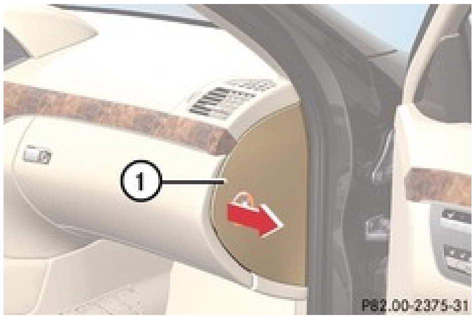
Fuse box in passenger compartment

! Do not use sharp objects such as a screwdriver to open the fuse box cover in the dashboard. You could damage the fuse box cover or the dashboard.



Fuse box on driver's side

① Fuse box cover



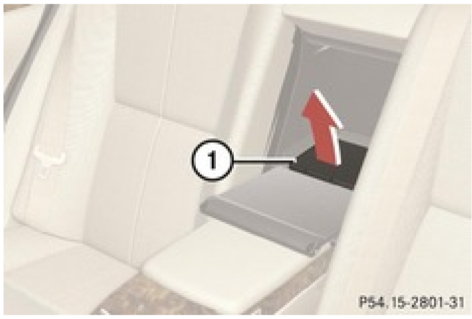
Fuse box on passenger side

① Fuse box cover

- ▶ Open the respective door.
- ▶ Using your hands, pull cover ① in direction of arrow and remove it.
- ▶ **Closing:** Hook cover ① into the opening at the front.

! The fuse box cover must be properly positioned as described to prevent moisture or dirt from entering the fuse box and possibly impairing fuse operation.

Fuse box in the rear passenger compartment



① Cover

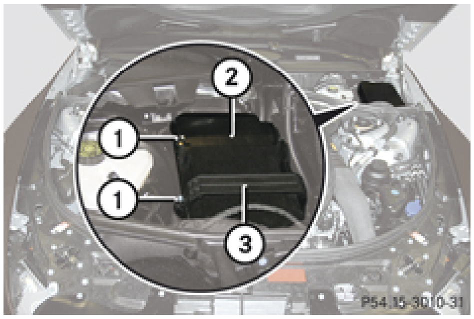
- **Opening:** Swing down center armrest.
- Open cover behind center armrest.
- Pull cover ① forward in direction of arrow.
- **Closing:** Press cover ① backward and engage.

! Make sure the seal in the cover is not damaged during opening or closing.

Fuse box in engine compartment

The fuse boxes are located in the engine compartment on the driver's and passenger side.

- Open the hood.

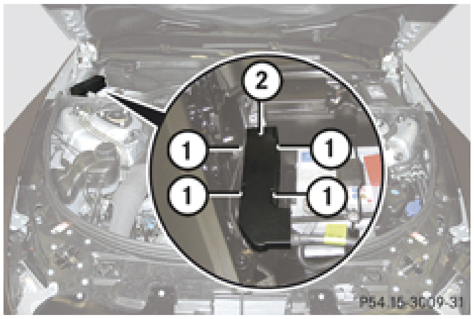


Fuse box on driver's side

① 4 screws
② Fuse box cover
③ Bracket

- S 63 AMG: Remove the control box above the fuse box.
- **Removing cover:** Take the crank from the Operator's Manual pouch.
- Loosen screws ① with crank.
- Remove bracket ③.
- Remove fuse box cover ②.
- **Installing cover:** Attach fuse box cover ②.
- Attach bracket ③.
- Tighten screws ① with crank.

! The fuse box cover must be installed properly to prevent moisture and/or dirt from entering the fuse box and possibly impairing fuse operation.



Example illustration fuse box on passenger side

① Retaining lugs
② Fuse box cover

- **Removing cover:** Press retaining lugs ①.
- Remove fuse box cover ②.
- **Installing cover:** Attach fuse box cover ②.
- Press fuse box cover ② down.

Fuses

! The fuse box cover must be installed properly to prevent moisture and/or dirt from entering the fuse box and possibly impairing fuse operation.

▶ Close the hood after checking or replacing fuses.

Emergency engine shutdown

If the engine cannot be turned off as described (▷ page 344), you may use the following emergency procedure.

▶ Take the fuse chart from the vehicle tool kit (▷ page 492).

▶ Find row “Emergency engine shutdown” in the fuse chart table to identify the fuses that have to removed as well as their locations.

▶ Remove the respective fuses.

Technical data

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Parts service 588
Warranty coverage 588
Identification labels 589
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Rims and tires 594
Electrical system 600
Main dimensions 601
Weights 602
Fuels, coolants, lubricants etc. 603

Warranty coverage

Vehicle equipment

ℹ This Operator’s Manual describes all features, standard or optional, potentially available for your vehicle at the time of purchase. Please be aware that your vehicle might not be equipped with all features described in this manual.

Parts service

All authorized Mercedes-Benz Centers maintain a stock of Genuine Mercedes-Benz Parts required for maintenance and repair work. In addition, strategically located parts distribution centers provide quick and reliable parts service.

More than 300 000 different parts for Mercedes-Benz models are available.

Genuine Mercedes-Benz Parts are subjected to stringent quality inspections. Each part has been specifically developed, manufactured or selected for and adapted to Mercedes-Benz vehicles.

Therefore, Genuine Mercedes-Benz Parts should be installed.

! Do not use non-genuine Mercedes-Benz parts and accessories not authorized by Mercedes-Benz. Doing so could damage the vehicle, which is not covered by the Mercedes-Benz Limited Warranty. Also, it could compromise the vehicle’s durability or safety.

Warranty coverage

Your vehicle is covered under the terms of the warranties printed in the Service and Warranty Information booklet.

Your authorized Mercedes-Benz Center will exchange or repair any defective parts originally installed in the vehicle in accordance with the terms of the following warranties:

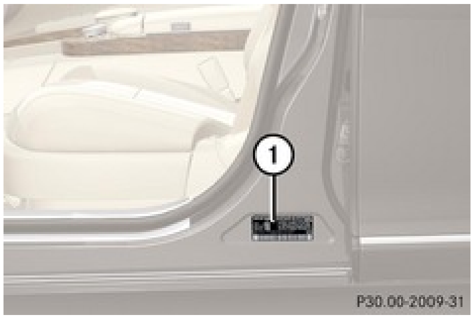
- New Car Limited Warranty
- Emission System Warranty
- Emission Performance Warranty
- California, Connecticut, Maine, Massachusetts, New York, Pennsylvania, Rhode Island, and Vermont Emission Control Systems Warranty
- State Warranty Enforcement Laws (Lemon Laws)

Replacement parts and accessories are covered by the Mercedes-Benz Parts and Accessories warranties, copies of which are available at any authorized Mercedes-Benz Center.

Loss of Service and Warranty Information booklet

Should you lose your Service and Warranty Information booklet, have an authorized Mercedes-Benz Center arrange for a replacement. It will be mailed to you.

Identification labels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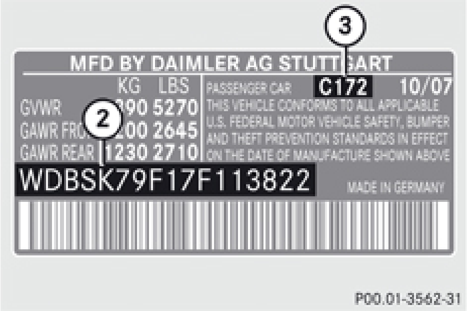
P30.00-2009-31

① Certification label (on driver's door B-pillar)

The Vehicle Identification Number (VIN) can be found in the following locations:

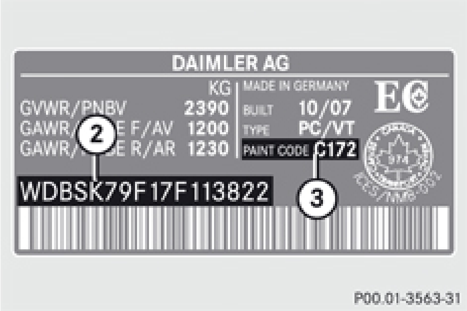
- on the certification label
- embossed underneath a cover behind the rear center armrest (▷ page 590)
- on the lower edge of the windshield (▷ page 590)


3
MFD BY DAIMLER AG STUTTGART
KG LBS
PASSENGER CAR
C172
10/07
GVWR 2390 5270
GAWR FRONT 1200 2645
GAWR REAR 1230 2710
2
THIS VEHICLE CONFORMS TO ALL APPLICABLE U.S. FEDERAL MOTOR VEHICLE SAFETY, BUMPER AND THEFT PREVENTION STANDARDS IN EFFECT ON THE DATE OF MANUFACTURE SHOWN ABOVE
WDBSK79F17F113822
MADE IN GERMANY
P00.01-3562-31

Example certification label (U.S. vehicles)

② VIN

③ Paintwork code


DAIMLER AG
KG
MADE IN GERMANY
GVWR/PNBV 2390
GAWR/PNBE F/AV 1200
GAWR/PNBE R/AR 1230
BUILT 10/07
TYPE PC/VT
PAINT CODE C172
2
3
WDBSK79F17F113822
P00.01-3563-31

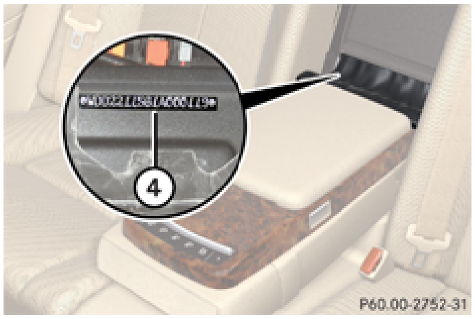
Example certification label (Canada vehicles)

② VIN

③ Paintwork code

Identification labels

ℹ Data shown on certification label are for illustration purposes only. These data are specific to each vehicle and may vary from data shown in the illustration. Refer to certification label on vehicle for actual data specific to your vehicle.



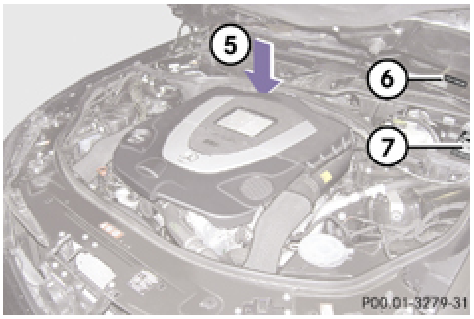
Rear center armrest

④ VIN

▶ Fold down the rear center armrest.

The VIN is embossed underneath a cover behind the rear center armrest.

▶ Open the cover.
VIN ④ is now visible.

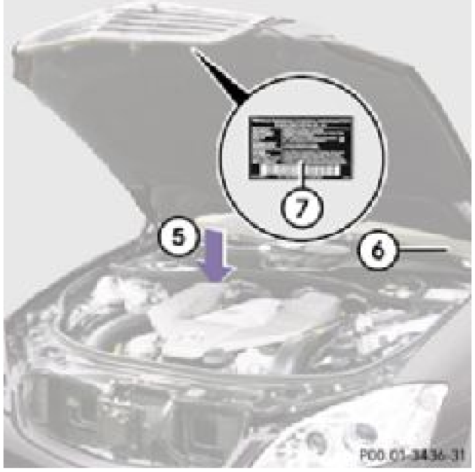


All models except AMG vehicles

⑤ Engine number (engraved on engine)

⑥ VIN (on lower edge of windshield)

⑦ Emission control information label, includes both federal and California certification exhaust emission standards



AMG vehicles

⑤ Engine number (engraved on engine)

⑥ VIN (on lower edge of windshield)

⑦ Emission control information label, includes both federal and California certification exhaust emission standards

ℹ When ordering parts, please specify vehicle identification and engine number.

Engine

Model	S 450 4MATIC (221.084)[11,12]	S 550 (221.171)[11,13]	S 550 4MATIC (221.186)[11]
Engine	273	273	273
Mode of operation	4-stroke engine, gasoline injection	4-stroke engine, gasoline injection	4-stroke engine, gasoline injection
No. of cylinders	8	8	8
Bore	3.66 in (92.90 mm)	3.86 in (98.00 mm)	3.86 in (98.00 mm)
Stroke	3.39 in (86.00 mm)	3.56 in (90.50 mm)	3.56 in (90.50 mm)
Total piston displacement	284.6 cu in (4 663 cm^3)	333.3 cu in (5 461 cm^3)	333.3 cu in (5 461 cm^3)
Compression ratio	10.5:1	10.7:1	10.5:1
Output acc. to SAE J 1349	335 hp/6 000 rpm (250 kW/6 000 rpm)[14]	382 hp/6 000 rpm (285 kW/6 000 rpm)[14]	382 hp/6 000 rpm (285 kW/6 000 rpm)[14]
Maximum torque acc. to SAE J 1349	339 lb-ft/2 700 rpm - 5 000 rpm (460 Nm/2 700 rpm - 5 000 rpm)	391 lb-ft/3 000 rpm (530 Nm/3 000 rpm)	391 lb-ft/2 800 rpm - 4 800 rpm (530 Nm/2 800 rpm - 4 800 rpm)
Maximum engine speed	6 500 rpm	6 500 rpm	6 500 rpm

[11] The quoted data apply only to the standard vehicle. Contact an authorized Mercedes-Benz Center for the corresponding data of all special bodies and special equipment.
[12] Canada only.
[13] USA only.
[14] Premium fuel required. Performance may vary with fuel octane rating.

Engine

Model	S 450 4MATIC (221.084)[11,12]	S 550 (221.171)[11,13]	S 550 4MATIC (221.186)[11]
Firing order	1-5-4-2-6-3-7-8	1-5-4-2-6-3-7-8	1-5-4-2-6-3-7-8
Poly-V-belt	2 404 mm	2 404 mm	2 404 mm

Engine

Model	S 600 (221.176)[15]	S 63 AMG (221.177)[15]	S 65 AMG (221.179)[15]
Engine	275	156	275
Mode of operation	4-stroke engine, gasoline injection	4-stroke engine, gasoline injection	4-stroke engine, gasoline injection
No. of cylinders	12	8	12
Bore	3.23 in (82.00 mm)	4.02 in (102.20 mm)	3.25 in (82.60 mm)
Stroke	3.43 in (87.00 mm)	3.72 in (94.60 mm)	3.66 in (93.00 mm)
Total piston displacement	336.4 cu in (5 513 cm^3)	378.8 cu in (6 208 cm^3)	364.9 cu in (5 980 cm^3)
Compression ratio	9:1	11.3:1	9:1
Output acc. to SAE J 1349	510 hp/5 000 rpm (380 kW/5 000 rpm)[16]	518 hp/6 800 rpm (386 kW/6 800 rpm)[16]	603 hp/4 800 - 5 100 rpm (450 kW/4 800 - 5 100 rpm)[16]
Maximum torque acc. to SAE J 1349	612 lb-ft/1 800 rpm - 3 500 rpm (830 Nm/1 800 rpm - 3 500 rpm)	465 lb-ft/5 200 rpm (630 Nm/5 200 rpm)	738 lb-ft/2 000 rpm - 4 000 rpm (1 000 Nm/2 000 rpm - 4 000 rpm)
Maximum engine speed	5 950 rpm	7 200 rpm	5 950 rpm
Firing order	1-12-5-8-3-10-6-7-2-11-4-9	1-5-4-2-6-3-7-8	1-12-5-8-3-10-6-7-2-11-4-9
Poly-V-belt	2 370 mm	2 360 mm	2 370 mm

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[15] The quoted data apply only to the standard vehicle. Contact an authorized Mercedes-Benz Center for the corresponding data of all special bodies and special equipment.

[16] Premium fuel required. Performance may vary with fuel octane rating.

Rims and tires

Rims and tires

Notes

! Only use tires which have been tested and approved by Mercedes-Benz. Tires approved by Mercedes-Benz are developed to provide best possible performance in conjunction with the driving safety systems on your vehicle such as the ABS or the ESP®. Tires specially developed for your vehicle and tested and approved by Mercedes-Benz can be identified by finding the following on the tire's sidewall:

- MO = Mercedes-Benz Original equipment tires

Using tires other than those approved by Mercedes-Benz may result in damage that is not covered by the Mercedes-Benz Limited Warranty.

! Using tires other than those approved by Mercedes-Benz can have detrimental effects, such as

- poor handling characteristics
- increased noise
- increased fuel consumption

Moreover, tires and rims not approved by Mercedes-Benz may, under load, exhibit dimensional variations and different tire deformation characteristics that could cause them to come into contact with the vehicle body or axle parts. Damage to the tires or the vehicle may be the result.

ℹ Further information on tires and rims is available at any authorized Mercedes-Benz Center. A placard with the recommended tire inflation pressures is located on the driver's door B-pillar. Some vehicles may have supplemental tire inflation pressure information for driving at high speeds or for vehicle loads less than the maximum loaded vehicle condition. If such information is provided, it can be found on the placard located on the inside of the fuel filler flap. The tire inflation pressure should be checked regularly and should only be adjusted on cold tires. Follow tire manufacturer's maintenance recommendation included with the vehicle.

For information on recommended tire inflation pressure and supplemental tire inflation pressure information for special driving situations, see (▷ page 456).

ℹ The following pages also list the approved wheel rim and tire sizes for equipping your vehicles with winter tires. Winter tires are not available as standard or optional factory equipment, but can be purchased from an authorized Mercedes-Benz Center.

Equipping your vehicle with winter tires approved for your vehicle model may require the purchase of two or four wheel rims of the recommended size for use with these winter tires. This depends on vehicle model and the standard or optional factory-equipped wheel rim/tire configuration on your vehicle. For more information contact an authorized Mercedes-Benz Center.

Same size tires

Model	**S 450 4MATIC**[17] **S 550**[18] **S 550 4MATIC**	**S 550 4MATIC**	**S 450 4MATIC (AMG Sport Package)**[17] **S 550 4MATIC (AMG Sport Package)**
Rims (light alloy)	8.5 J x 18 H2	8.5 J x 19 H2	–
AMG rims (light alloy)	–	–	8.5 J x 19 H2
Wheel offset	1.69 in (43 mm)	1.69 in (43 mm)	1.69 in (43 mm)
All-season tires[19]	255/45 R18 99H M+S	255/40 R19 100Y XL (Extra Load) M+S	255/40 R19 100V XL (Extra Load) M+S
Winter tires[19,20,21]	255/45 R18 99V M+S ❄	–	255/40 R19 100V XL (Extra Load) M+S ❄

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[17] Canada only.

[18] USA only.

[19] Radial-ply tires.

[20] For use with snow chains contact an authorized Mercedes-Benz Center.

[21] Not available as factory equipment.

Rims and tires

Model	**S 600** **S 550 (Sport Package)** **S 600 (Sport Package)**	**S 63 AMG** **S 63 AMG (Performance Package)** **S 65 AMG**	**S 550 4MATIC**
Rims (light alloy)	8.5 J x 18 H2	–	–
AMG rims (light alloy)	–	8.5 J x 19 H2	8.5 J x 20 H2
Wheel offset	1.69 in (43 mm)	1.69 in (43 mm)	1.69 in (43 mm)
Summer tires[22,23]	–	–	255/35 ZR20 XL (Extra Load)
Winter tires[22,24,25]	255/45 R18 99V M+S 🏔	255/40 R19 100V XL (Extra Load) M+S 🏔	–

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[22] Radial-ply tires.

[23] Must not be used with snow chains.

[24] For use with snow chains contact an authorized Mercedes-Benz Center.

[25] Not available as factory equipment.

Mixed size tires

	Model	S 600[26]	S 550[26] S 600
Front axle	**Rims (light alloy)**	8.5 J x 18 H2	8.5 J x 19 H2
	Wheel offset	1.69 in (43 mm)	1.69 in (43 mm)
	All-season tires[27]	255/45 R18 99H M+S	255/40 R19 100V XL (Extra Load) M+S
Rear axle	**Rims (light alloy)**	9.5 J x 18 H2	9.5 J x 19 H2
	Wheel offset	1.69 in (43 mm)	1.69 in (43 mm)
	All-season tires[27]	275/45 R18 103H M+S	275/40 R19 101V M+S

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[26] USA only.

[27] Radial-ply tires.

Rims and tires

	Model	S 550 (AMG Sport Package)[28]	S 550 S 63 AMG S 63 AMG (Performance Package) S 65 AMG
Front axle	**AMG rims (light alloy)**	8.5 J x 19 H2	8.5 J x 20 H2
	Wheel offset	1.69 in (43 mm)	1.69 in (43 mm)
	Summer tires[29]	255/40 R19 100Y XL (Extra Load)	255/35 ZR20 XL (Extra Load)
Rear axle	**AMG rims (light alloy)**	9.5 J x 19 H2	9.5 J x 20 H2
	Wheel offset	1.69 in (43 mm)	1.69 in (43 mm)
	Summer tires[29,30]	275/40 R19 101Y	275/35 ZR20 XL (Extra Load)

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[28] USA only.

[29] Radial-ply tires.

[30] Must not be used with snow chains.

Spare wheel

! Compare the recommended tire inflation pressure for your vehicle with the tire inflation pressure on the yellow label located on the spare wheel rim.

If the tire inflation pressure on the yellow label on the spare wheel rim differs from the values given in this Operator’s Manual, inflate the tire to the recommended tire inflation pressure given on the yellow label on the spare wheel rim.

ℹ Please note that the tire inflation pressure of the spare wheel differs from the tire inflation pressure of the road tires.

Model	**All models** **(except AMG vehicles)**	**S 63 AMG** **S 63 AMG (Performance Package)** **S 65 AMG**
Rim (steel)	4.5 B x 19 H2	–
Rim (light alloy)	–	4.5 B x 19 H2
Wheel offset	1.38 in (35 mm)	1.38 in (35 mm)
Minispare tire[31]	T 155/70 R19 113M	T 155/70 R19 113M
Recommended tire inflation pressure	61 psi (4.2 bar)	61 psi (4.2 bar)

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[31] Must not be used with snow chains.

Electrical system

Electrical system

Model		**S 450 4MATIC**[32] **S 550**[33] **S 550 4MATIC**	**S 600**	**S 63 AMG**	**S 65 AMG**
Alternator		14 V/180 A	14 V/220 A	14 V/220 A	14 V/220 A
Starter motor		12 V/1.7 kW	12 V/2.0 kW	12 V/2.1 kW	12 V/1.7 kW
Starter battery		12 V/35 Ah	12 V/35 Ah	12 V/35 Ah	12 V/35 Ah
Battery for electrical consumers		12 V/95 Ah	12 V/95 Ah	12 V/95 Ah	12 V/95 Ah
Spark plugs	**Type**	NGK PLKR 6A Bosch Y 7 MPP33	NGK IFR 6Q-G	NGK ILZKAR 7A10	NGK IFR 6Q-G
	Electrode gap	0.031 in (0.8 mm)	0.028 in (0.7 mm)	0.039 in (1.0 mm)	0.028 in (0.7 mm)
	Tightening torque	15 lb-ft - 18 lb-ft (20 Nm - 25 Nm)	15 lb-ft - 22 lb-ft (20 Nm - 30 Nm)	15 lb-ft - 18 lb-ft (20 Nm - 25 Nm)	15 lb-ft - 22 lb-ft (20 Nm - 30 Nm)

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[32] Canada only.
[33] USA only.

Main dimensions

Model	S 450 4MATIC[34] S 550 4MATIC	S 550[35] S 600	S 63 AMG S 65 AMG
Overall vehicle length	205.1 in (5 210 mm)	205.1 in (5 210 mm)	206.5 in (5 245 mm)
Overall vehicle width, exterior rear view mirrors folded out	83.2 in (2 113 mm)	83.2 in (2 113 mm)	83.2 in (2 113 mm)
Overall vehicle height	58.9 in (1 495 mm)	58.5 in (1 485 mm)	58.0 in (1 473 mm)
Wheelbase	124.6 in (3 165 mm)	124.6 in (3 165 mm)	124.6 in (3 165 mm)
Track, front	63.2 in (1 604 mm)	63.2 in (1 604 mm)	63.2 in (1 604 mm)
Track, rear	63.2 in (1 606 mm)	63.2 in (1 606 mm)	63.2 in (1 606 mm)
Turning circle	40.0 ft (12.2 m)	40.0 ft (12.2 m)	40.0 ft (12.2 m)

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[34] Canada only.

[35] USA only.

Weights

Weights

Model	All models
Roof load	max. 220 lb (100 kg)
Trunk load	max. 220 lb (100 kg)

Fuels, coolants, lubricants etc.

Capacities

Vehicle components and their respective lubricants must match. Therefore only use products tested and approved by Mercedes-Benz.

For information on tested and approved products, contact an authorized Mercedes-Benz Center or visit **www.mbusa.com** (USA only).

⚠ **Warning!**

Comply with all valid regulations with respect to handling, storing, and disposing of service fluids. Otherwise you could endanger persons or the environment.

Keep service fluids out of the reach of children.

For health reasons, you should prevent service fluids from coming into direct contact with your skin or clothing.

If a service fluid is swallowed, contact a physician immediately.

	Model	Capacity	Fuels, coolants, lubricants, etc.
Engine with oil filter	S 450 4MATIC[36] S 550[37] S 550 4MATIC	9.0 US qt (8.5 l)	Approved engine oils
	S 600 S 65 AMG	9.5 US qt (9.0 l)	
	S 63 AMG[38]	9.9 US qt (9.35 l)	
Automatic transmission	S 450 4MATIC[36] S 550 4MATIC	10.1 US qt (9.6 l)	MB Automatic Transmission Fluid

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[36] Canada only.
[37] USA only.
[38] Engine with oil cooler.

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Fuels, coolants, lubricants etc.

	Model	Capacity	Fuels, coolants, lubricants, etc.
	S 550[37]	10.4 US qt (9.8 l)	
	S 600	8.1 US qt (7.7 l)	
	S 63 AMG[39]	9.25 US qt (8.75 l)	
	S 65 AMG	9.2 US qt (8.7 l)	
Rear axle	S 450 4MATIC[36] S 550 4MATIC	1.9 US qt (1.8 l)	Hypoid gear oil SAE 85 W 90
	S 550[37]	1.3 US qt (1.2 l)	
	S 600	2.1 US qt (2.0 l)	
	S 63 AMG	1.3 US qt (1.2 l)	Fuchs Titan EG 5010 D
	S 65 AMG	1.7 US qt (1.6 l)	
Hydraulic system for active body control (ABC)	All models except 4MATIC	4.2 US qt (4.0 l)	MB ABC Fluid

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[37] USA only.

[39] Automatic transmission with oil cooler.

[36] Canada only.

	Model	Capacity	Fuels, coolants, lubricants, etc.
Power steering	S 450 4MATIC[36] S 550[37] S 550 4MATIC S 63 AMG	1.1 US qt (1.0 l)	MB Power Steering Fluid (Chevron Texaco PSF 9109)
	S 600 S 65 AMG	1.3 US qt (1.2 l)	
Brake system		0.63 US qt (0.6 l)	MB Brake Fluid (DOT 4+)
Cooling system (vehicles without rear climate control)	S 450 4MATIC[36]	approx. 15.6 US qt (14.8 l)	MB 325.0 Anticorrosion/Antifreeze
	S 550[37] S 550 4MATIC	approx. 12.2 US qt (11.5 l)	
Cooling system (vehicles with rear climate control)	S 450 4MATIC[36]	approx. 17.1 US qt (16.2 l)	MB 325.0 Anticorrosion/Antifreeze
	S 550[37] S 550 4MATIC	approx. 13.8 US qt (13.1 l)	
	S 600 S 65 AMG	approx. 14.7 US qt (13.9 l)	
	S 63 AMG	approx. 11.8 US qt (11.2 l)	
Low temperature cooling system	S 600	approx. 2.8 US qt (2.6 l)	MB 325.0 Anticorrosion/Antifreeze
	S 65 AMG	approx. 3.3 US qt (3.1 l)	

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[36] Canada only.
[37] USA only.

Fuels, coolants, lubricants etc.

	Model	Capacity	Fuels, coolants, lubricants, etc.
Fuel tank,		23.8 US gal (90.0 l)	Premium unleaded gasoline (Minimum Posted Octane 91 [Avg. of 96 RON/86 MON])
including a reserve of	All models except AMG vehicles	2.9 US gal (11.0 l)	
	AMG vehicles	3.7 US gal (14.0 l)	
Air conditioning system		–	R134a refrigerant and special PAG lubricant oil (never R 12)
Washer system and headlamp cleaning system		6.9 US qt (6.5 l)	MB Windshield Washer Concentrate[40] (▷ page 612) Washer fluid mixing ratio (▷ page 612)

Approved engine oils

Engine oils are specifically tested for their suitability in our engines and durability for our service intervals. Therefore, only use approved engine oils and oil filters required for vehicles with Maintenance System.

For a listing of approved engine oils and oil filters, contact an authorized Mercedes-Benz Center or visit **www.mbusa.com** (USA only).

! Using engine oils and oil filters of a specification other than those expressly required for the Maintenance System, or changing of oil and oil filter at change intervals longer than those called for by the Maintenance System will result in engine or emission control system damage not covered by the Mercedes-Benz Limited Warranty.

Please follow Maintenance System recommendations for scheduled oil changes. Failure to do so will result in engine or emission control system damage not covered by the Mercedes-Benz Limited Warranty.

Mercedes-Benz recommends MOBIL OIL.

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[40] Mixed with water or commercially available premixed washer solvent/antifreeze.

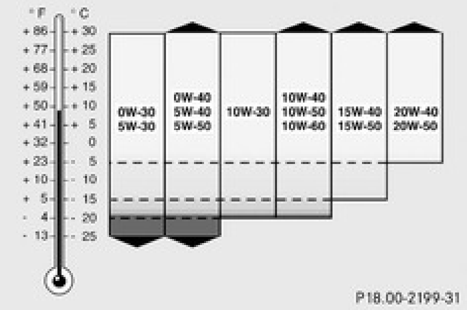
Use the table below to determine the MB sheet number.

Model	Engine type	MB sheet number
S 450 4MATIC[41]	273	229.5
S 550[42]	273	229.5
S 550 4MATIC	273	229.5
S 600	275	229.5
S 63 AMG	156	229.5[43]
S 65 AMG	275	229.5

ℹ MB sheet numbers are printed on the outside of oil containers.

Viscosity grades for engine oils

Using the chart below, select oil viscosity according to the lowest air temperature expected before the next oil change.



Engine oil additives

! Do not blend oil additives with engine oil. They may damage the engine. Damage or malfunctions resulting from blending oil additives are not covered by the Mercedes-Benz Limited Warranty.

Air conditioning refrigerant

R134a (HFC) refrigerant and special PAG lubricating oil are used in the air conditioning system.

! Never use R 12 (CFC) or mineral-based lubricating oil. Otherwise damage to the system will occur.

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[41] Canada only.

[42] USA only.

[43] Restriction: Only SAE 0W-40/SAE 5W-40 engine oils may be used.

Fuels, coolants, lubricants etc.

Brake fluid

⚠ **Warning!**

During vehicle operation, the boiling point of the brake fluid is continuously reduced through the absorption of moisture from the atmosphere.

Under extremely strenuous operating conditions, this moisture content can lead to the formation of bubbles in the system, thus reducing the system’s efficiency.

Therefore, the brake fluid must be replaced regularly. Refer to your vehicle’s Maintenance Booklet for replacement interval.

Only brake fluid approved by Mercedes-Benz is recommended. Any authorized Mercedes-Benz Center will provide you with additional information.

Premium unleaded gasoline

⚠ **Warning!**

Gasoline is highly flammable and poisonous. It burns violently and can cause serious personal injury.

Never allow sparks, flames or smoking materials near gasoline!

Turn off the engine before refueling.

Whenever you are around gasoline, avoid inhaling fumes and any skin or clothing contact. Extinguish all smoking materials.

Direct skin contact with fuels and the inhalation of fuel vapors are damaging your health.

! To maintain the engine’s durability and performance, premium unleaded gasoline must be used.

If premium unleaded gasoline is not available and low octane gasoline is used, follow these precautions:

- Have the fuel tank only partially filled with unleaded regular gasoline and fill up with premium unleaded gasoline as soon as possible.
- Avoid full throttle driving and abrupt acceleration.
- Do not exceed an engine speed of 3 000 rpm if the vehicle is loaded with a light load such as two persons and no luggage.
- Do not exceed $^2/_3$ of maximum accelerator pedal position if the vehicle is fully loaded or operating in mountainous terrain.

Fuel requirements

Only use premium unleaded gasoline. The octane number (posted at the pump) must be 91 min. It is an average of both the Research Octane Number (RON) and the Motor Octane Number (MON): (RON+MON)/2. This is also known as the ANTI-KNOCK INDEX.

Reformulated gasolines (RFG) and/or unleaded gasoline containing oxygenates such as ethanol, TAME, ETBE, IPA, IBA, and TBA can be used provided the ratio of any one of these oxygenates to gasoline does not exceed 10%; MTBE must not exceed 15%.

The ratio of methanol to gasoline must not exceed 3% plus additional cosolvents.

Using mixtures of ethanol and methanol is not allowed. Gasohol, which contains 10% ethanol and 90% unleaded gasoline, can be used.

These blends must also meet all other fuel requirements, such as resistance to spark knock, boiling range, vapor pressure, etc.

Gasoline additives

A major concern among engine manufacturers is carbon build-up caused by gasoline. Mercedes-Benz recommends only the use of quality gasoline containing additives that prevent the build-up of carbon deposits.

After an extended period of using fuels without such additives carbon deposits can build up, especially on the intake valves and in the combustion area, leading to engine performance problems such as:

- Warm-up hesitation
- Unstable idle
- Knocking/pinging
- Misfire
- Power loss

In areas where carbon deposits may be encountered due to lack of availability of gasoline which contains these additives, Mercedes-Benz recommends the use of additives approved by us for use on Mercedes-Benz vehicles.

Contact an authorized Mercedes-Benz Center or visit **www.mbusa.com** (USA only) for a listing of approved product(s). Follow directions on product label.

Do not blend other fuel additives with fuel. This only results in unnecessary cost and may be harmful to the engine operation.

! Damage or malfunction resulting from poor fuel quality or from blending additional fuel additives other than those tested and approved by us for use on Mercedes-Benz vehicles are not covered by the Mercedes-Benz Limited Warranty or by any pre-owned or Extended Limited warranties.

Coolants

The engine coolant is a mixture of water and anticorrosion/antifreeze, which provides:

- Corrosion protection
- Freeze protection
- Boiling protection (by increasing the boiling point)

The cooling system was filled at the factory with a coolant providing freeze protection to approximately -35℉ (-37℃) and corrosion protection.

! Add premixed coolant solution only. Adding water and MB 325.0 Anticorrosion/ Antifreeze separately from each other, could cause engine damage not covered by the Mercedes-Benz Limited Warranty.

If the antifreeze mixture is effective to -35℉ (-37℃), the boiling point of the coolant in the pressurized cooling system is reached at approximately 266℉ (130℃).

The coolant solution must be used year round to provide the necessary corrosion protection and increase boil-over protection. Refer to the Maintenance Booklet for replacement interval.

Coolant system design and coolant used determine the replacement interval. The replacement interval published in the Maintenance Booklet is only applicable if MB 325.0 Anticorrosion/Antifreeze solution or other Mercedes-Benz approved products of equal specification are used to renew the coolant concentration or bring it back up to the proper level.

For information on other Mercedes-Benz approved products of equal specification, contact an authorized Mercedes-Benz Center or visit **www.mbusa.com** (USA only).

To provide important corrosion protection, the solution must be at least 50%

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Fuels, coolants, lubricants etc.

anticorrosion/antifreeze (equivalent to freeze protection to approximately -35°F [-37°C]).

If you use a solution that is more than 55% anticorrosion/antifreeze (freeze protection to approximately -49°F [-45°C]), the engine temperature will increase due to the lower heat transfer capability of the solution. Therefore, do not use more than this amount of anticorrosion/antifreeze.

If the coolant level is low, water and MB 325.0 Anticorrosion/Antifreeze should be used to bring it up to the proper level (have cooling system checked for signs of leakage). Please make sure the mixture is in accordance with label instructions.

The water in the cooling system must meet minimum requirements, which are usually satisfied by normal drinking water.

If you are not sure about the water quality, contact an authorized Mercedes-Benz Center.

Anticorrosion/antifreeze

Your vehicle contains a number of aluminum parts. The use of aluminum components in motor vehicle engines necessitates that anticorrosion/antifreeze coolant used in such engines be specifically formulated to protect the aluminum parts. Failure to use such anticorrosion/antifreeze coolant will result in a significantly shortened service life.

Therefore, the following product is strongly recommended for use in your vehicle:
MB 325.0 Anticorrosion/Antifreeze agent.

Before the start of the winter season (or once a year in hot southern regions), you should have the anticorrosion/antifreeze concentration checked.

The coolant is also regularly checked each time you bring your vehicle to an authorized Mercedes-Benz Center for service.

	Model	Approximate freeze protection	
		-35°F (-37°C)	**-49°F (-45°C)**
Cooling system (vehicles without rear passenger compartment climate control)	S 450 4MATIC[44]	7.8 US qt (7.4 l)	8.6 US qt (8.1 l)
	S 550[45] S 550 4MATIC	6.1 US qt (5.75 l)	6.7 US qt (6.3 l)
Cooling system (vehicles with rear passenger compartment climate control)	S 450 4MATIC[44]	8.6 US qt (8.1 l)	9.4 US qt (8.9 l)
	S 550[45] S 550 4MATIC	6.9 US qt (6.55 l)	7.6 US qt (7.2 l)
	S 600	7.3 US qt (6.95 l)	8.1 US qt (7.65 l)
	S 63 AMG	6.0 US qt (5.6 l)	7.0 US qt (6.2 l)
	S 65 AMG	7.4 US qt (7.0 l)	8.1 US qt (7.7 l)
Low temperature cooling system	S 600	1.4 US qt (1.3 l)	1.5 US qt (1.4 l)
	S 65 AMG	1.6 US qt (1.55 l)	1.8 US qt (1.7 l)

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[44] Canada only.
[45] USA only.

Fuels, coolants, lubricants etc.

Washer system and headlamp cleaning system

⚠ **Warning!**

Washer solvent/antifreeze is highly flammable. Do not spill washer solvent/antifreeze on hot engine parts, because it may ignite and burn. You could be seriously burned.

- ▶ Use MB Windshield Washer Concentrate "MB SummerFit".
- ▶ Mix with water for temperatures above freezing point.
- ▶ Mix with commercially available premixed washer solvent/antifreeze for temperatures below freezing point.

Washer fluid mixing ratio

For temperatures above freezing point:
1 part "MB SummerFit" to 100 parts water (1.34 fl oz [40 ml] "MB SummerFit" to 1 gal [4.0 l] water)

For temperatures below freezing point:
1 part "MB SummerFit" to 100 parts solvent (1.34 fl oz [40 ml] "MB SummerFit" to 1 gal [4.0 l] solvent)

Service and Literature

Your authorized Mercedes-Benz Center has trained technicians and Genuine Mercedes-Benz Parts to service your vehicle properly. For expert advice and quality service, contact an authorized Mercedes-Benz Center.

If you are interested in obtaining service literature for your vehicle, please contact an authorized Mercedes-Benz Center.
We consider this the best way for you to obtain accurate information for your vehicle.

For further information you can find us on the Mercedes-Benz web-site **www.mbusa.com** (USA only) or **www.mercedes-benz.ca** (Canada only).

⚠ **Warning!**

To help avoid personal injury, be extremely careful when performing any service work or repairs. Improper or incomplete service or the use of incorrect or inappropriate parts or materials may damage the vehicle or its equipment, which may in turn result in personal injury.

If you have any questions about carrying out any type of service, turn to the advice of an authorized Mercedes-Benz Center.

We reserve the right to make changes in design and equipment. Therefore, information, illustrations and descriptions in this Operator's Manual might differ from your vehicle.

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